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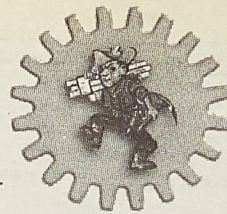
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The Missouri Miner

A publication of the students of the University of Missouri - Rolla.



December 9, 1998

Volume 88, Number 14

20 pages

Outstanding Teacher Awards presented for 1997-98 school year to twenty-four UMR professors

by Angela Keune

Assistant News Editor

Twenty-four University of Missouri-Rolla faculty members received the Outstanding Teacher Award for 1997-1998.

Dr. Walter J. Gajda Jr., UMR vice chancellor for Academic Affairs, presented the awards during the UMR General Faculty meeting held Tuesday, Dec. 1, in Miles Auditorium of the Mechanical Engineering Building. The teachers were notified by a letter from the vice chancellor followed by a memo before the meeting.

The Outstanding Teacher Award is given each year to faculty members recognized by a UMR committee for effective teaching.

Andrew Careaga, UMR Public Relations manager, said, "Student evaluations is the basis for the award."

The committee bases its selec-

tions strictly on student evaluations of faculty members that are filled out at the end of every semester.

The award is open to all UMR faculty members except Distinguished Teaching Professors.

The following faculty members were selected for the awards:

-Dr. Abdeldjelil (D.J.) Belarbi, associate professor of civil engineering.
-Dr. Ronald J. Bieniek, associate professor of physics.

-Dr. Sally T. Carden, assistant professor of philosophy and liberal arts.

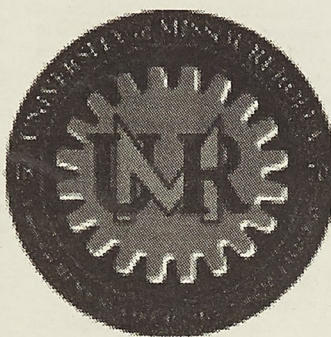
"I was very pleased [about the award because] I enjoy what I do and that reflects on the students as well. I respect [the students]," said Carden.

-Dr. Robert L. Davis, professor of basic engineering and engineering mechanics.

"It is one of the most pleasing awards to receive because it comes from the students and are the ones that know best...I hope the students

know that I care about them," said Davis.

-Dr. James Drewniak, associate professor of electrical and computer engineering.



-Jonathan Finch, lecturer of philosophy and liberal arts.

-Dr. Ron Frank, associate professor of biological sciences.

-Dr. Bahador Ghahramani, associate professor of engineering management.

-Dr. Nord L. Gale, chair and professor of biological sciences.

-Dr. Larry Gragg, professor of history and political science.

-Dr. W. Lance Haynes, professor of philosophy and liberal arts, and director of the Excel Center for Leadership and Communications Studies.

-Dr. Michael G. Hilgers, assistant professor of mathematics and statistics.

-Dr. Kevin M. Hubbard, assistant professor of engineering management.

-Dr. Nancy Hubing, associate professor of electrical and computer engineering.

-Dr. Wayne Huebner, professor and chair of ceramic engineering.

-Dr. Leslie R. Koval, associate chair and professor of mechanical engineering.

-Dr. K. Krishnamurthy, professor of mechanical engineering and research investigator in the Intelligent Systems Center.

"It's really the students who nominate and chose. They like the way I taught I guess. [In the comments I received,] they said they are pleased with the way I taught because it was easily understandable," said Krishnamurthy.

-Dr. Paula Lutz, associate professor of biological sciences.

-Dr. Anne Matthews, assistant professor of English.

-Dr. Michael E. Meagher, assistant professor of history and political science.

-Dr. Ilene H. Morgan, assistant professor of mathematics and statistics.

-Dr. Susan Murray, assistant professor of engineering management.

-Dr. Kent D. Peaslee, assistant professor of metallurgical engineering.

-Dr. Paul M. Santi, assistant professor of geological engineering.

Winter commencement scheduled for Dec. 19; Wilkens to make keynote address

by Keith Missey

News Editor

The University of Missouri-Rolla's Winter Commencement will be held Dec. 19 starting at 2 p.m. in the Gale Bullman Multi-Purpose Building.

Approximately 500 degrees will be awarded during the commencement.

The commencement address will be given by Roy A. Wilkens, member of the board of directors of InvenSys Ltd. of Houston, Texas.

Wilkens graduated from UMR in 1966 with a bachelor of science degree in electrical engineering. He received a professional degree in electrical engineering in 1991, and he will also receive an honorary doctorate in engineering from the university during the commencement. Wilkens also attended Harvard University's Advanced Management Program in 1982.

Wilkens is a retired president and director of WilTel/Worldcom of Tulsa, Okla. In addition to his role on InvenSys' board of directors, Wilkens is an investor in the company, which produces control systems products for the fiber-optic facilities of telecommunica-

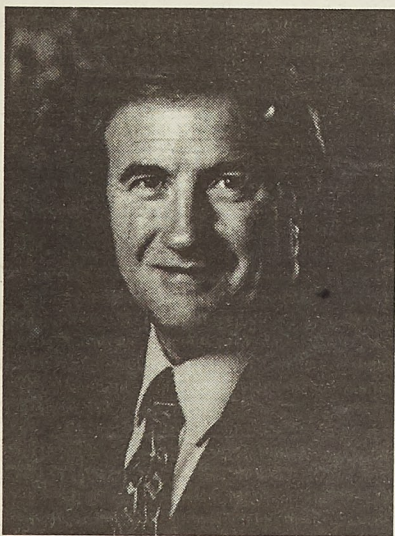
tions companies. The company was created to bring the proven control system used by WorldCom into a public market. WorldCom uses its software to control a network of more

than 20,000 miles of fiber-optic cable.

His professional accomplishments include serving as chairman of the National Telecommunication Network and chairman of CompTel. He also served on the President's National Security Telecommunications Advisory Council for presidents George Bush and Bill Clinton.

Wilkens began his career in 1966 with Continental Pipe Line Co., and in 1974 joined Explorer Pipeline in Tulsa, Okla. From 1977 to 1985, he was vice president of Williams Pipeline Co., and president from 1985 to 1986. He formed Williams Telecommunications Group Inc. (WilTel), an operating unit of The Williams Companies. In 1994, WilTel was sold to WorldCom and Wilkens served as vice chairman of WorldCom until his retirement in January 1997.

People with sight, hearing and mobility impairments who plan to attend commencement should contact Lawrence C. George, Americans with Disabilities Act coordinator at UMR, at 341-6314 before Friday, Dec. 11, for the university to provide reasonable accommodation.



Roy A. Wilkens, a 1966 electrical engineering graduate from UMR, will address the 1998 winter semester graduates on Dec. 19.

photo courtesy of UMR Office of Publications

Happy Holidays

The *Missouri Miner* will return on Thursday, January 21.

In this Issue



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Sports: Women's basketball on five game winning streak, page 5



Verve: Where did Christmas come from, page 10

SUB presents The Christmas Box

◆ Tonight at 8 p.m. in the Leach Theater the Student Union Board presents the musical The Christmas Box.

Adapted from the New York Times Best Seller, The Christmas Box is a story of a widow and the young family that moves in with her. They not only discover a love for each other, but the first gift of Christmas, which makes this story unlike any other.

Tickets are \$5 for students and \$15 for the public and will be available at the Castleman Ticket window.

Dr. Midha honored by ASME

◆ Dr. Ashok Midha, chair of mechanical and aerospace engineering and engineering mechanics at the University of Missouri-Rolla, has received the 1998 ASME Mechanisms Committee Award from the American Society of Mechanical Engineers.

Midha received the award at the ASME Design Engineering Technical Conferences, held in September in Atlanta, Ga.

The award honors those who have made outstanding contributions to the science of mechanisms theory and design, and who have worked to advance the engineering profession. Midha was cited for his extensive experience in teaching, research, design and development, and for his consulting work in the areas of mechanical design, kinematics, compliant mechanisms and other related areas.

He joins a distinguished group of 14 other engineering academicians who have received this award since its inception in 1974. Past recipients include Joseph E. Shigley,

Allen S. Hall Jr. and Ferdinand Freudenstein.

Midha has been active in the ASME Mechanisms Committee, serving as a papers review chair and as an associate editor of the Journal of Mechanisms, Transmission and Automation in Design (now called the Journal of Mechanical Design). He has been the feature editor for Mechanism and Machine Theory, and an associate editor for the Journal of Applied Mechanisms and Robotics.

Midha joined UMR in August 1997 as chair of the mechanical and aerospace engineering and engineering mechanics department. He previously was a professor of mechanical engineering at Purdue University.

Midha holds master's and Ph.D. degrees in mechanical engineering from the University of Minnesota and a bachelor's degree from the Regional Institute of Technology in Jamshedpur, India.

UMR choir will perform carols

◆ The University of Missouri-Rolla's University Choir will perform "Ancient Carols in Modern Dress" at 2 p.m. Sunday, Dec. 13, in Leach Theatre of Castleman Hall, 10th and Main streets. The concert is free and open to the public.

The University Choir, which is under the direction of Joel Kramme, assistant professor of music, will share the program with a wind ensemble of musicians from the Rolla area, who are under the direction of Don Miller, lecturer in music.

The choir's performance, which is billed as a mini-Christmas program, will include new compositions and arrangements by contemporary composers John Rutter and Jackson Berkey.

"Berkey is a contemporary Midwestern composer who has worked with Mannheim Steamroller and provided music for several films," Kramme said.

In A Nutshell

Campus newsbriefs and announcements

For more information about Sunday's concert call 341-4185.

UMR jazz ensemble performs Friday

◆ The University of Missouri-Rolla Jazz Ensemble will perform Friday, Dec. 11, in Leach Theatre of UMR's Castleman Hall, 10th and Main streets. The concert, which starts at 7 p.m., is free and open to the public.

The all-student jazz ensemble - selected by competitive auditions - is under the direction of Chris Burnett, UMR's jazz director. Friday's concert will include a variety of styles within the standard repertoire of music for a large jazz ensemble.

The concert will open with Artie Shaw's "Begin the Beguine," which has been recreated from the original score and professionally arranged by Jeff Hest. Students in the jazz ensemble will also perform works by Thad Jones, Kenny Dorham and Don Menza.

For more information about the concert, contact the UMR performing arts program at 341-4185.

Metallurgical students awarded

◆ Three metallurgical engineering students at the University of Missouri-Rolla have been honored by the Foundry Educational Foundation during the foundation's College-Industry Conference recently held in Chicago.

Richard Voss of McAlester, Okla., a senior, received the \$1,500 Richard M. Frazier Scholarship; Megan McDonough of Livonia, Mich., a senior, received the \$1,500

William E. Conway Fairmount Minerals Scholarship; and Allison Vrieze of Victoria, Texas, a senior, is one of

three student delegates from the United States who have been invited to the Industrial Energy Efficiency Symposium and Exposition in Washington, D.C., in February 1999.

The award and special scholarships supported by industry are presented to a number of student delegates during the conference. The students received the awards based on their demonstrated interest in metals casting, their scholarship, a written statement of career objectives, and a letter of recommendation.

The Foundry Educational Foundation encourages student interest in metals casting through a number of programs, including bringing together seniors and graduate students from 30 universities with industrial representatives at its College-Industry Conference.

Preliminary hearing set for student

◆ The preliminary hearing has been set for University of Missouri-Rolla student Edward Burle who was charged with murder following a shooting incident at his home on October 17.

The hearing will be held Dec. 16 or 17, depending on the availability of a new judge who was assigned to the case.

Burle was charged with second-degree murder and armed criminal action after the shooting death of Craig Shults, a 22-year-old member of the Rolla community.

If convicted, Burle faces anywhere from 10 years to life in prison.

SHPE chapter wins Olympiad

◆ Four University of Missouri-Rolla students placed first in the

Society of Hispanic Professional Engineers (SHPE) regional conference's Academic Olympiad held November 13-15 at Purdue University.

The students were Cesar Cea, a senior mechanical engineer; Gustavo Gonzalez, a senior electrical engineer; Gustavo Ray, a senior mechanical engineer; and Virgilio Solis, a sophomore mechanical engineer.

The nine initial teams had to first complete a written test of 140 questions to determine which three teams would advance to the Olympiad. Notre Dame came in first followed by Purdue and UMR.

The Olympiad was patterned after Jeopardy. The questions for both the written test and the two rounds of the Olympiad came from preparatory materials for the Engineer in Training examination. Categories for the first round were math, physics, chemistry, metallurgy and the history of SHPE. The second round categories were chemical engineering, civil engineering, electrical engineering, mechanical engineering and computer science.

In the first round, UMR beat Purdue followed by a victory over Notre Dame in the second round.

Their victory earned them the honor of representing UMR at SHPE's National Technical and Career Conference being held in Los Angeles February 3-5.

Eileen Chambers, a junior in mechanical engineering and economics and the vice-president of the UMR chapter of SHPE, and Fernando Marin, a senior in engineering mechanics and team alternate, also attended the conference.

Information compiled from various sources



The Missouri Miner

The Missouri Miner is the official publication of the students of the University of Missouri-Rolla. It is distributed each Wednesday in Rolla, Missouri and features activities of the students of UMR.

The Missouri Miner encourages comments from its readers and will attempt to print all responsible letters and editorial material received. All submissions must have a name, student ID number, and phone number for verification. Names may be withheld upon request.

The Missouri Miner is operated by the students of UMR and the opinions expressed in it do not necessarily reflect those of the university, faculty, or student body.

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Submissions for publication must be in our mail box in 113 University Center-West by 3:30 p.m. on the Thursday before publication. Submissions will be accepted through e-mail at miner@umr.edu. The Missouri Miner reserves the right to edit all submissions for style, grammar, punctuation, spelling, length, and matters of good taste.

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Mission to begin space station success so far

The space shuttle Endeavour late Sunday swept down on a massive Russian module waiting in orbit and, with the caution of a surgical team, grabbed it for mating to a U.S. sister pod, beginning a monumental five-year construction job in space.

With the successful marriage of the two modules 240 miles above central Asia, scheduled for completion at about 8:36 p.m. EST, the United States and Russia would link their fates physically in one of the most complex international undertakings ever attempted, the assembly of a new space station in orbit.

The feat required precision flying under unusually difficult seeing conditions by Endeavour Commander Robert Cabana, and delicate maneuvering by flight engineer Nancy Currie, an Army helicopter pilot who used the shuttle's robot arm to pluck the Russian Zarya out of space.

The U.S.-Russian crew of six was, in effect, laying the foundation for a planned \$63 billion facility, which is supposed to grow over the years in erector-set fashion into a laboratory, dorm and depot complex with the habitable volume of two 747 jumbo jets and a wingspan longer than a football field.

Thursday, the crew plans to enter the newly joined complex and test the computer, communications and television systems, as well as remove hundreds of bolts inside Zarya that were required to secure it for its Nov. 20 launch from central Asia.

Unity is a squat, six-sided pressurized cylinder that somewhat resembles a diving bell. It is to serve as a hub for several future space station components and as a passageway for crew members passing from the shuttle into the space station.

Suspects in bombing may finally be extradited

PALESTINE

Perched on a fence above the city's seafloor, with nothing better to do all day than watch the cars go by, the jobless man showed no hesitation when asked whether his government should surrender two suspects wanted in the bombing 10 years ago of Pan Am Flight 103.

"The Lockerbie case should be resolved and those two men should be extradited," said Khaled Sadq, 31, a university graduate who has remained unmarried because he said he could not find work to support a spouse.

Although many in the West remain highly skeptical of the intentions of Libyan leader Moammar Gadhafi, a visit to Tripoli this weekend showed signs that sentiment is building for turning over the two suspects who have been blamed by the United States and Britain for the terrorist bombing that killed 270 people over the Scottish village of Lockerbie.

British Foreign Secretary Robin Cook was briefed by Annan about his talks with Libyan officials, including his meeting with Gadhafi. Based on what he'd heard, "I think you could sum up our mood as one of qualified optimism," Cook said. Libya's state news agency JANA was more cautious, however, saying it wouldn't be "logical or reasonable" for the suspects

to be transferred for trial in time for the 10th anniversary of the Dec. 21, 1988, bombing.

Although there are no certainties, the body language of the participants from both sides after the Annan visit to Libya seemed to be saying that a historic decision to hand over the terrorist suspects is near.

If so, the main reasons for Libya's shift in sentiment, according to one Arab diplomat based in Tripoli, may be the country's troubled economy and a fatigue among Libyans with the six-year ban on air travel.

California TA's return to work after strike

Hundreds of University of California teaching assistants, who went on strike last week to win union recognition agreed to return to work Monday as part of a 45-day cooling off period in their labor dispute.

University officials and a host of graduate student employee associations, which represent about 9,000 teaching assistants, tutors and readers in the University of California system, will resume talks within 10 days.

The union organization, which is an affiliate of the United Auto Workers union, has repeatedly tried to win the right of collective bargaining for 15 years, but to no avail.

Members of the organization went on strike Tuesday at all nine University of California campuses, except the medical and health sciences school in San Francisco.

It was the first time the group had organized a system-wide strike as the university was heading into the final exam period, a particularly busy time for teaching assistants, tutors and readers.

University officials said Sunday that the cooling off period was brokered by California Senate President Pro Tem John Burton and Assembly Speaker Antonio Villaraigosa. Both legislators approached the university with a proposal to temporarily halt the strike.

Earlier in the week, Burton and Villaraigosa sent a letter to UC President Richard C. Atkinson urging him to take immediate action to recognize the teaching assistants' union.

There are about 6,700 teaching assistants and 2,300 tutors and readers in the UC system. Readers grade tests and papers for professors.

Teachers aides are graduate students who handle the bulk of one-on-one instruction and small group classes with freshmen and sophomores, often as a supplement to large lectures conducted by professors.

Unemployment rate falls to 4.4 percent

The nation's unemployment rate fell to 4.4 percent last month, as stronger than expected hiring by builders, retailers, restaurants and other service providers, more than offset layoffs by manufacturers, the government reported Friday.

The gain of 267,000 payroll jobs in November, which was much stronger than many analysts expected, showed that the nation's labor markets remained strong despite the recent flurry of corporate layoff

announcements.

Boeing Co., Johnson & Johnson, Merrill Lynch & Co. and merging oil companies Exxon Corp. and Mobil Corp. are among the corporate giants that have recently announced plans to slash tens of thousands of jobs. But many of those cuts won't occur for months or years to come. Meanwhile, other payrolls are booming.

"The U.S. growth story remains a tale of two economies, with the manufacturing sector shedding 47,000 jobs in November, purchasing agents reporting the weakest factory conditions since February 1996 and (new factory) orders dropping in October," said Bill Dudley, chief economist at Goldman Sachs & Co. in New York.

More than offsetting those job losses were a jump of 55,000 jobs at firms providing business services, including temporary help agencies and of 47,000 in construction. Unusually strong holiday hiring boosted retail trade employment by 65,000 jobs, the Labor Department said.

Mideast disputes, Clinton visit creating problems

ISRAEL

Less than a week before President Clinton is scheduled to arrive here to promote the land-for-security deal he brokered in October, Israeli and Palestinian peacemaking is again in crisis, with disputes raging over the new accord and over the Clinton visit itself.

On Sunday, Israeli and Palestinian leaders accused one another of lying about the terms of the latest peace deal, which was suspended last week by Israel. Hundreds of Palestinian prisoners joined a hunger strike to protest their continued detention by Israel.

Against this tumultuous backdrop, several of Prime Minister Benjamin Netanyahu's Cabinet ministers called on Clinton to postpone his high-profile visit to Israel and the Palestinian areas, which is to begin Saturday.

In response, U.S. officials insisted that the three-day visit will proceed as planned. But they acknowledged that issues both symbolic and substantive have yet to be resolved and that tensions are building between Clinton's Israeli and Palestinian hosts.

Netanyahu raised that level further Sunday. In an interview with Reuters news service, the Israeli leader accused Palestinian Authority President Yasser Arafat of lying to his people about the new peace deal, particularly about the explosive issue of Palestinian prisoners held in Israeli jails, and of failing to carry out commitments.

Palestinians say Israel has violated terms of the agreement by not freeing jailed political activists and instead releasing 150 common criminals alongside 100 political prisoners in the first phase of implementation. Netanyahu says he is abiding by the agreement and insists he never agreed to release prisoners who carried out attacks against Israelis.

The United States says Israel has fulfilled its commitments so far regarding the prisoners. To date, 250 have been released of the 750 required to be freed under the three-phase agreement.

But the prisoner issue has been the focus of a recent wave of violence in the West Bank and East Jerusalem, with Pales-

tinian demonstrations turning into clashes with Jewish settlers and Israeli soldiers. In one incident Saturday, about 200 Palestinians broke through a fence surrounding the Jewish settlement of Ariel, where they stoned houses and burned utility poles before being dispersed by police.

About 1,700 Palestinian prisoners have reportedly joined the hunger strike intended to draw attention to the issue.

Unless the Palestinians agree to Israel's interpretation of the agreement, however, and stop what Netanyahu's government considers violations, Israel has said it will not carry out the next troop withdrawal from the West Bank, due Dec. 18. On Sunday, Cabinet members reaffirmed that decision.

If the disputes are unresolved by the time he arrives, the U.S. president may be forced to try to solve them himself. Both sides have credited Clinton with helping them to reach the October deal, which also gave him a foreign policy success as he faced impeachment hearings in Congress.

Complicating matters now, however, is the fact that the president's own visit has become a subject of heated controversy between Israel and the Palestinians. Underlying virtually all the differences are the uses the two sides want to make of Clinton's presence.

The Palestinians, who are delighted at the prospect of the first visit by an American president to Palestinian-ruled land, hope to use the trip to bolster their claims to sovereignty and to show off a steadily warming U.S.-Palestinian relationship.

Israel, which fears just that, is stressing that Clinton's visit to the Palestinian-controlled Gaza Strip should be held without the trappings of statehood and that his stay in Israel should be "meaningful," to balance the likely substantive and emotional impact of the Palestinian leg of the trip.

Einstein's brain being held for research

Most Princeton students have peered up the ivy-clad wall of Palmer Hall to the window of physics professor Albert Einstein's former office. Even the intellectually modest have felt a swell of pride about sharing an academic affiliation with one of the most celebrated minds in history. That mind, which formulated the theory of relativity, now floats in a glass jar under lock and key in the Princeton Medical Center.

Dr. Thomas Harvey, who performed Einstein's autopsy in 1955 and removed the brain, said that after Einstein's death the pathology department at PMC seized the opportunity to preserve and study his brain.

Harvey said he has since passed the care of the brain on to his successor, Dr. Elliot Krause. Currently, Krause is responsible for processing research requests for Einstein's brain tissue. The most recent shipment went to a research group in Japan, which is expected to publish its findings early next year. Krause said he intends to encourage research on the brain until Einstein's mind is better understood.

Information gathered from LA Times Washington Post and U-Wire news services

Opinions

Student life on the decline

Dear Keith Missey and Miner Staff,

I'm writing in response to your editorial on the death of student life hear at UMR. On behalf of everybody on my floor (Kelly B), I would like to thank you for such a great column. Finally somebody got the guts and took the initiative to write the editorial we all knew needed to be written. The number of people on this campus that are trying to make it a fun place to be on weekends is decreasing quickly. The frats make an attempt, but the University's crackdown on alcohol has forced them to start the greek ID and guest list system, mainly for liability reasons, which excludes many people from entering their parties. The swimmers and runners have open parties every once in a

while, but the risk of getting booted from school is always on their minds. The stories I've heard about St. Pat's 20 years ago don't even compare to the stories I've heard in the last few years. All this is caused by the University's so-called fixing of the problem of alcohol. All they're doing is taking away what little life Rolla has left. We just wanted you to know that no matter how much crap the University gives you for that editorial, there are a lot of people out there who agree with you 100%. Thanks for you time and thanks for the editorial.

Sincerely,
Greg Rieker

Dating: another point of view

In response to the article entitled "Dating: Do we really need to be happy?"

I was in the basement of Rayl Cafeteria on Thursday, Nov. 19th, when I picked up the weekly Missouri Miner, and flipped immediately to the article "Dating: Do we really need to be happy?" because the caption caught my eye.

I was wondering what kind of idiot would write an article implying that we didn't need to be happy. I began reading the article and vaguely recognized the title of the Book, recognizing it more from the picture of the cover than the title itself. As I read on, I proceeded to disagree with every point made therein.

The first thing I would like to say, not in response to anything you said, but that you should consider walking a mile in their shoes first. It is apparent from the article that you have never walked in his shoes, but that he has been in your shoes. I would likely give him more credit than you if I had no opinion whatsoever on the subject.

One of the first opinions that you stated was, "that kind of divine interference seems to be out of sync with the rest of the world." It hardly seems that what he went through was an, "interference." Your point about it being out of sync with the rest of the world is a decent one, and one that I admit should not have to be made, but unfortunately the majority of the world does not have a personal relationship with God, and do not understand the concept of talking to God, and God guiding your paths if you are willing to follow Him. If you would like to understand this, feel free to write me at jeremy@umr.edu or consider attending Victory Christian Center (I mention that church because I know from experience that you will find what I'm explaining there).

I have only dated one girl in my life, know that I am going to marry her, and have known for a while that I was going to. I know countless others that have been told by God who they were supposed to be married to. Just think for a moment about all of the benefits of having only dated one person. On my wedding night I will be able to hand my wife not only my sexual purity, but my unscared, un-torn, heart. I will be able to tell her that I saved it all for her because I loved her so much, even

before I knew her. I will be able to put complete trust in her because I won't be paranoid of heartbreak because I will have never experienced it. When I am with her, I will judge her the best in the world, sexually, relationship wise, and personality wise because I will have nothing else to judge her against, and will have no desire to compare cause I already have the best in my mind. Separately I can judge personality (I do know other girls) and know that she is perfect for me. God instructed me to date, and as I did I saw more every time I was near her, how perfectly she complimented everything about me and I didn't even have to look for her!

As to her closing statements about what dating teaches you, why through dating, and why so anxious to learn more? I can tell you what I know of broken hearts... avoid them. Most everybody learns to deal with broken hearts before they start dating anyway. I don't know of anybody that has never lost an item that was dear to them when they were young. Whether it was a toy, pet, friend, parent, or maybe their parents yelled at them, or by some action of theirs hurt them. Aside from Melissa (thank you God for her) I lost my best friend when he moved to Indiana. I learned there how to deal with heartbreak. I don't think I want to learn much more. The other points stated, "love, kindness, patience, and how to forgive." These are things that can be learned from friends, and from the one human relationship that will last me the rest of my life or hers. If you haven't learned from your parents to live with people that you will be stuck with for a long time, I'm sorry, you may never learn.

I'd like to leave with these closing remarks. If you don't know what to look for in a mate, pray and ask God, and read the Bible. Proverbs has a lot of practical advice on what to look for in a mate, and what not to look for. "As a jewel of gold in a swine's snout, so is a fair woman which is without discretion." Proverbs 11:22 KJV.

Jeremy Jacobs

Y2k panic a bit obsessive?

James K. Glassman

L.A. Times/Washington Post

The Year 2000 (or Y2K) Problem is a glitch that makes computers confused about the correct date. It has also caused worries that are now blossoming into full-blown, completely unwarranted hysteria.

In fact, this apocalyptic reaction — spread with gusto on radio talk shows and the Internet — combines strains that have been running through American life for the past few centuries: paranoia, end-of-the-world religiosity, hatred of technology and fear of the future.

Why Y2K? In a frugal but misguided attempt to save space, many computer programs were written to express dates with only two digits; thus, "98" for 1998. The problem, of course, is that computers will think that the year 2000, which is just over a year away, is 1900, with all sorts of weird and dire results predicted.

Banks emptying customers' accounts to collect debts that computers think are 100 years past due, airplanes falling from the sky, heart pacemakers failing in thousands of chests, missiles being launched by renegade software, millions of elevators getting stuck between floors, welfare checks being delayed for months, etc., etc.

No wonder gullible folks are scared. Hucksters and ignoramuses are ginning up pandemonium. Check out the website at <http://www.Y2KSupply.com>, which issues daily e-mail alerts and sells a book that helps you buy "firearms and ammo" and gold and silver at a discount. The site advises stockpiling food and water and emptying your bank account now! On Jan. 1, 2000, gun shops and grocery stores will be looted, and "the President will declare martial law."

Even respectable economists are going bonkers. Edward Yardeni of Deutsche Bank Securities sees the Y2K problem causing a recession that will cut gross domestic product by 5 percent over two years and send stocks down 30 percent.

Certainly, the two-digit date glitch will cause trouble. "I have no question that we're going to have unusual things occurring," Alan Greenspan, the Federal Reserve chairman, told a congressional committee in September. But predictions of gaudy disasters are vastly overblown.

The truth is, no one can be absolutely sure what damage the millennium bug will cause. But it is important to separate loony ideas about the world's coming to an end when the odometer turns nines into zeroes from true technological

concerns. For example, it is a good rule in economics (as well as life in general) that something you know about in advance is unlikely to hurt you very much — especially if you can fix it.

"Correcting the year field is technically simple," wrote Richard M. Nunno in a recent Congressional Research Service report. The hard part is finding all the places in the software where dates are critical and figuring out how to coordinate with other computers.

That's being done. Most businesses got a late start, but they appear well on their way to the goal of "compliance." A consulting firm that surveyed companies worldwide found Y2K ranked number 20 on a list of corporate priorities in 1996, but number one in 1997. U.S. businesses alone will spend \$300 billion to \$600 billion getting their systems ready. No wonder. A company that isn't compliant will lose out to a competitor that is.

An extensive study by Merrill Lynch & Co., published in June, looked at thousands of companies worldwide and rated their level of compliance. The results are encouraging. For example, all 29 Latin American banks that were surveyed "will be compliant," as will eight of the 10 major U.S. pollution-control companies (the others are listed as "likely compliant").

Lacking the spur of competition, federal and state government agencies are behind the private sector, but they are hustling. The Social Security Administration, for example, is in great shape, but a survey by the General Accounting Office found that only 6 percent of state Medicaid systems were compliant, raising the specter of delays in benefit payments.

"A bomb-shelter mentality is not called for," said a recent report by the GartnerGroup, the high-tech consulting firm. "Preparing for the millennium should be more like preparing for a storm that will last less than a week."

Unlike Yardeni, 33 economists surveyed by the Federal Reserve Bank of Philadelphia predicted an average increase of 0.1 percent in GDP as a result of spending to fix the Y2K Problem. Many businesses are renovating their computer systems entirely — a step they probably should have taken long ago.

The Y2K glitch is not likely to be a blessing, but don't let apocalyptic nuts convince you that it's such a curse that you need to sell your stocks, withdraw your cash, buy guns and stock up on water. Just cool it.

Glassman is a fellow at the American Enterprise Institute.

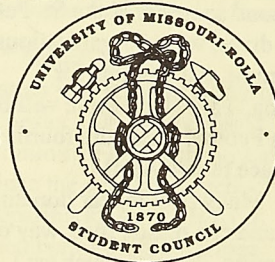
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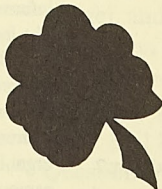
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More information to come later....

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semester working on publicizing UMR's new mentoring program. The program is catered to these students who are still undecided about their major, or those who are interested in a certain field of study but are not sure what it is in that field are like. The mentoring program can help answer these questions and others by connecting you with an MSM-UMR alumnus who is a professional in the industry you are wondering about. Application is easy and convenient, so visit the Alumni Office in Stebleman Hall or check us out on the web at www.umar.edu/~stuco. Any questions can be directed to stuco@umar.edu.

PAR Committee has made the cost of producing static stickers last year and is now working on making a profit. The UMR static stickers were sold this year at Homecoming and PAR made \$50!

The birthday cake fundraiser is continuing to be as productive as ever...at least one cake a week is delivered to students with birthdays during the school year who may not get to go home often.

Student Services-Blood Drives By Carmen Doudna

Each year the Student Council sponsors four blood drives. We doubled our average participation by having 335 blood donors. In addition to this, 96 of these participants were first time donors. I would like to thank Kappa Sigma fraternity for their involvement with the first blood drive and all of the donors as well as

the workers who helped in its success. We are looking forward to a comparable turnout and a return of the first time donors for the second blood drive. The first blood drive of the second semester is the St. Pat's Blood drive, where organizations can earn St. Pat's points for donating. This blood drive will be held in February, and the fourth will take place in late April.

Many people fear donating blood and can reason their way out of donating. Excuses such as: I don't like needles or I don't have time seem irrelevant when one thinks of a young child who was wounded in a car accident or a patient who needs a transfusion during an operation. People do not realize the necessity of donating blood until they or one of their family members needs a transfusion. Hopefully, most people will not have to endure these tragedies, but spending twenty minutes to give a pint of blood doesn't seem unreasonable when it could save someone's life. Even if one is unable to donate their blood, they can still contribute by working at the blood drive. Hopefully, I will see everyone at future blood drives helping to give life.

Are you a
non-traditional student?

Are you:
-over the age of 24?
-live off-campus?
-have a family and/or job?
-have different needs from the rest of the student body?

If you would like to be a part of a Student Council Committee geared toward your unique needs, contact Randy (stmodin@umar.edu) or the Student Council office.



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The 1999 DEAL Conference is an exciting leadership development opportunity for Missouri college students and advisors interested in building their leadership potential through the exchange of ideas and information with campus leaders from across the state. The interactive nature of the conference is designed to provide participants with the opportunity to discuss the leadership "Challenges of Today" and their exciting "Visions of Tomorrow." Conference presentations will address the themes of personal leadership, organizational leadership and leadership beyond campus. Whether you are an emerging student leader excited about beginning your leadership development, an officer in a student organization searching for new ideas to improve your team, or a faculty/staff advisor seeking professional development, participating in the 1999 DEAL Conference will be a valuable leadership experience.

This one day conference only costs \$25 each and those who register by January 29, 1999 will receive a free T-shirt. Contact the office of Student Activities, 218 UCW, for registration information and to coordinate transportation (call 341-4286 or email billw@umar.edu).

Student Services Hopes to Assist Non-Traditional Students

By Mandy Modlin

Student Council has been hard at work organizing a committee to assist the non-traditional students of this campus. For those of you who are not familiar with this term, a non-traditional student is defined as a person who is considerably older than the average incoming freshman, perhaps has a job or family, and generally has different needs from the rest of the student body. A committee geared toward non-traditional students would be responsible for representing and acting on the needs of this group.

Currently, the Student Services Committee is working on putting together a survey to send to all non-traditional students. The survey will include questions about current services offered to them by the University as well as questions concerning what services they would like to see available. With this information, the committee will be able to focus its attention more closely on the exact needs and concerns of these students.

The Student Services committee of Student Council invites all non-traditional students to its meetings to discuss any concerns, and when there is enough interest, a separate committee of older students will be formed. Student Services meetings are the Wednesday of the week of Student Council meetings at 6:00 pm in the Walnut Room. Any input that you may have on this issue will be greatly appreciated.

St. Pat's Celebration Headed for 'The Best Ever'

By Brian Johnson

The 91st Annual St. Pat's Celebration will take place in March next semester. Of course, the St. Pat's Committee has been hard at work since the start of the school year preparing for the Best Ever. Each member of the Committee works tirelessly behind the scenes year round to bring the University the highest quality celebration possible.

Of course, as always, we can be found at the Puck each day selling our famous kelly green sweatshirts commemorating the event. Be on the lookout for the Special Edition sweatshirts, featuring another design and color, to hit the sales table before the end of the semester. As an added convenience, students can now charge St. Pat's merchandise on their student I.D.

The theme for St. Pat's 1999 is *Blockbusters of the Silver Screen*. By now your organization should have registered your float and cudgel, and is probably already hard at work on the cudgel. Any questions concerning your float should be directed to Float & Parade Chair Phil Klazynski at 365-8115. Questions relating to cudgels go to Gonzo & Games Chair Jason Skinner at 364-9901.

Have you ever thought that you'd like to play a bigger part in the St. Pat's Celebration? Sure, you've participated in the events (or, if you're a freshman, you plan to), but you feel there's something more you can contribute. Do you think you have a little something extra that could make the Celebration just a bit

better? Then perhaps you should consider becoming a St. Pat's Rep. Being a member of the St. Pat's Committee is an enormous amount of responsibility, and a great deal of work, but the reward is immeasurable, knowing that you helped to put on the celebration that makes your university famous. The St. Pat's Committee is always happy to welcome representatives from *any* student organization, and we have independent reps, too! If you would like more information about joining St. Pat's, or maybe you'd like some representatives to speak at one of your organization's meetings, contact Jeff Smith at 364-8968.

Need Disk space On Campus?? Student Novell Can Help!

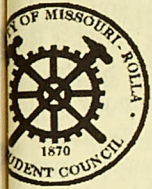
By Chris Mayberry

Ever found that you need some disk space on Campus? Does your department not let you have storage space on their computers? If this is the case then the Student Council Novell server may be able to accommodate you. The UMR Student Council administers it's own Novell Server. This server is available to those students who are not given Novell disk space by their department. To apply for an account, just stop by the Student Council Office to fill out a request form.

Parent-Alumni Relations Offers Mentoring Program

By Cori Lock

Parent-Alumni Relations (PAR) Committee has been busy
CONTINUED ON NEXT PAGE



THE VOICE



A Publication Of The UMR Student Council
Editor - Joe Schmidberger, VP External Affairs

Further Student Input Sought on Tenure of Professors

By Cody R. May

During the Spring 1998 semester there was concern raised to further student input on tenure. Student Council researched many ways to gather the students feedback in the tenure process and found the solution to be a random survey of past students. Student Council passed resolution 9899R3 (which can be found at <http://www.umar.edu/ucoco/Minutes/sc092998.html>) which says that department chairs must survey and ask for letters of commendation from past students, whether undergraduates, graduates, or alumni, on a random basis. To ensure the selection of students is random and not selectively chosen, the resolution suggests that the Registrar's Office make the selection of a statistically valid sample of past students.

The Promotion and Tenure Committee of Academic Council is now in the works of approving such a method for the campus to adopt as the new layout for student input on tenure. Intercampus Student Council, which consists of the University of Missouri - St. Louis, Columbia, Kansas City, and Rolla, has written a similar resolution that the University of Missouri System might adopt one day soon. Chancellor Park as well as many other UMR and UM system administrators have agreed that it

would be a mutually beneficial method for making sure students have a say in every professor's tenure.

Campus Improvements Tackles One Card System

By K. Robert Maxson

The Campus Improvements (CI) Committee has spent a good deal of its time looking into a new ID card system for UMR, the One Card System. This card system is not unlike the current one that provides building access, library check out and bookstore charges. But, it will also provide the additional services of being a debit card and allow students to "swipe" for snacks and soft drinks out of vending machines.

Campus Improvements has already received responses from about 10 companies with information about their particular systems and how they could fit into UMR. The next step is to discuss card options and implementation with UMR Administration and Staff.

CI also sponsored a "lighting walk." During this walk, students and administrators walked through campus in an effort to identify areas with insufficient lighting and possible unsafe conditions. Notable people who attended were Vice Chancellor Ogrosky and Physical Facilities Director, Marvin Patton. Additional CI projects this semester include closed Circuit TV and landscaping issues.

Intercultural Relations Puts on Diversity Week and Unity Day

By Shauna Oppert

The Intercultural Relations Committee of Student Council and the Campus Environment Committee sponsored Diversity Week earlier this semester. The week was kicked off on September 17 with Unity Day that included a barbeque and a march for diversity.

The barbeque was free to all students thanks to funding from the Campus Environment Committee. Ribbons representing diversity were cut the week before and distributed during the barbeque. The march for diversity was a chance for all student organizations to recognize and support UMR's diversity and was led by Chancellor Park.

Diversity Week concluded with the Diversity Concert which was held at Beta Sigma Psi and sponsored by Student Council. The featured performance was the Chia Band from St. Louis. The band played a variety of music including jazz, swing, mambo, polka, cha-cha, and many other types of music as well. Local Businesses donated food and beverages to students during the concert. Intercultural Relations Committee would like to thank the many groups that were responsible for the success of all the events.

Sports

Lady Miners run winning streak to five with two tough victories

by Erin Gifford
Staff Writer

The University of Missouri-Rolla women's basketball team is in a five game winning streak, adding Tuskegee and Lincoln to its list this past week. The Lady Miners took on Tuskegee (1-4) on Thurs., December 3rd and Lincoln (3-4) on Sat., December 5th.

The Lady Miners outscored Tuskegee in both periods. UMR went into halftime ahead by five points with a score of 37-33. In the second period, it was UMR 45, and Tuskegee 43, giving a final score of 82 to 76. The Lady Miner's shooting percentage doubled in the second period, but overall the Lady Miners made less than half of

their shots.

Sophomore Miranda Beadles (Weston, MO) scored 18 of those points and was 5-for-10 in field goals. Beadles also made six of her eight free throws. Sophomore forward Shannon Perry (Jackson, MO) was 0-for-4 in the field, but had four rebounds. Freshman Janel McNeal (St. Louis, MO) went 6 for 11 from the field and had 12 rebounds, scoring a total of 16 points for the squad. The 5'11" center also had five personal fouls, fouling out of the game.

Sophomore Jamie Schroetlin (Yuma, CO) totaled 14 points for the team by making five of her eight shots and going 4-for-4 at the free throw line. Junior transfer Erika Phillips (Markham, IL) made half of her shots from the field and three-point range, adding eight points to the Lady Miners score.

Senior Debra Gronewoller (Beloit, KS) made seven of her eleven shots, scoring 14 points for the team. Gronewoller also fouled out of the game and had six rebounds.

The starters for the game were Beadles, Perry, McNeal, Schroetlin and Phillips.

Lincoln gave

the Lady Miners a slightly tougher challenge, with the game going into overtime. UMR trailed Lincoln 30 to 35 going into halftime, but stormed back to tie the game in the second period scoring 26 points to Lincoln's 21 points.

As the game went into overtime, the Lady Miners surged ahead and rolled over Lincoln, scoring nearly ten more than their opponents in the extra frame. The final score was UMR 71, Lincoln 62.

McNeal pulled down a powerful 11 rebounds and scored 12 points for the team. Schroetlin also added 12 points to the scoreboard and was 5-for-13 in the field. Beadles rounded out with ten points and eight rebounds, and Perry went 2-for-2 at the free throw line.

Sophomore Amy Milliken (St. Charles, MO) started on Saturday. Milliken made three of her 12 shot attempts, recovered six rebounds and scored a total of seven points for the squad. Sophomore Jackie Kelble (Lenexa, KS) was the highest scorer for the team in the game, adding 19 points to the scoreboard. Kelble went 7-for-11 from the field.

The Lincoln game was the fifth straight win for the Lady Miners. This is the longest winning streak for the team since the 1995-96 season when the team had nine straight wins to open the season.

The Lady Miners next game is against St. Francis in Romeoville, Illinois, on December 11, 1998. Tip-off time is at 7 p.m.



Freshman center Janel McNeal boxes out as she grabs a rebound around three defenders in the Lady Miners' victory over Tuskegee last week.

photo by Ryan Shawgo

Lady Miner Win Streak

UMR 100, Webber 49

UMR 89, Arkansas Baptist 37

UMR 68, Rockhurst 59

UMR 82, Tuskegee 76

UMR 71, Lincoln 62 (OT)

Miners' three game win streak stopped by Montevallo

by Erin Gifford
Staff Writer

The University of Missouri-Rolla men's basketball team had several games this past week. On Wednesday, Dec. 2nd, the Miners faced Maryville and came away victorious with a score of 88-79. The Pepsi-Cola Shootout also took place this weekend. The Miners faced Montevallo College Friday night and suffered a 76-63 loss, and played Rockhurst College Saturday winning by a score of 85-70.

Maryville was ranked third in NCAA Division III going into the game but didn't quite make it up to par against the Miners.

The Miners led at halftime 44-41 and outscored Maryville in the second period 44-38. Sophomore Scott Holly (Alamogordo, NM) scored a career high 32 points during the ball game. The 6'2" forward was 11-for-22 from the field and 6-for-12 from the three-point range.

Junior transfer Jeff Yoder (Palmyra, NJ) recovered seven rebounds under his towering six foot nine inch height. Freshman Doug Call (Jefferson City, MO) was 4-for-6 from the field and had four personal fouls. Senior Robert Guster (Monroe, LA) made three of his four three-point shots and scored a total of 12 points for the Miners. Junior Kevin Robertson (Jefferson City, MO) added on another ten points for the team and senior Kevin Konkright (Lenexa, KS) went 75% on his free throw shooting.

The starters for the Miners were Holly, Call, Guster, Brunson and Yoder.

Montevallo proved to be a much tougher team to handle for the Miner squad. Montevallo led the Miners 32-25 at halftime and outscored them 44-38 in the second half.

The Miners did have the lead about midway through the second period, but a lay-up by Monteval-

lo's Earl Ike started an 18-6 run for Montevallo, putting the Miners in catch-up position the rest of the game. Ike scored a total of 27 points for Montevallo and had 13 rebounds.

Sophomore Cory Brunson (Evansville, IN) was the top scorer for the Miners with 31 points. Brunson went 10-for-17 from the field and 7-for-12 from three-point land. He also made 80% of his shots at the free-throw line. Robertson had six rebounds for the Miners and totaled 11 points.

Call, Yoder, Guster and Konkright were all scoreless in the game. Overall, the Miners made less than one-third of their field goals, though they averaged two-thirds of their free-throws shots. However, this proved to not be enough.

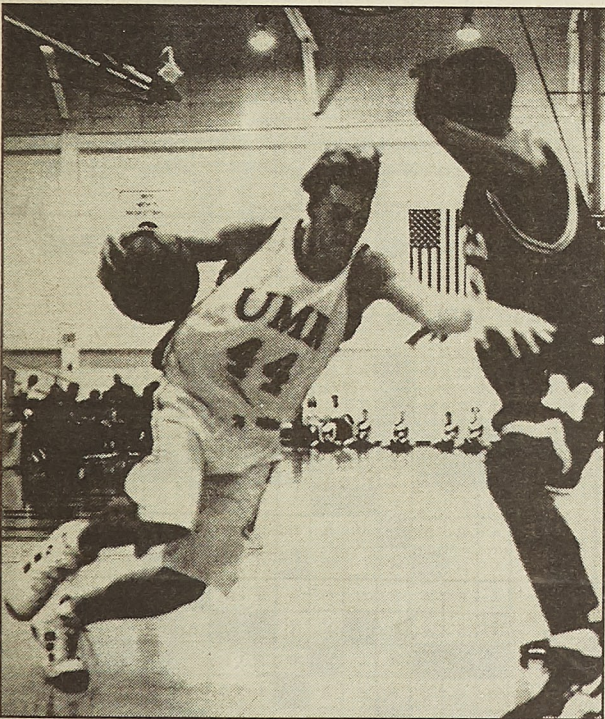
Holly totaled 14 points in the game, but was only 5-for-17 from the field and 1-for-9 in three-point attempts. He did go 3-for-4 at the free throw line, however, and recovered nine rebounds.

The starting lineup for the Montevallo game consisted of Holly, Call, Yoder, Guster and Konkright.

Saturday's match-up was against Rockhurst College. The final score was 85-70 with the victory going to the Miners. The Miners had balanced scoring with four players scoring in double figures. Holly, last year's Mid-America Athletics Association conference freshman of the year, again lead the team with 20 points while grabbing five rebounds.

The Miners not only got balanced scoring but played solid team defense and the whole team got on the boards with three players grabbing five rebounds and the Miners grabbing a total of 28 rebounds.

The Miners next game is Saturday, Dec. 12th, against Westminster College. On Saturday and Sunday, December 19th and 20th, the Miners head to Las Vegas, Nevada, to take on Tarelton State and Central Oklahoma University at the High Desert Classic one of the nation's elite Division II tournaments.




Freshman forward Ben Jordan attempts to drive past a defender in Friday's game against Montevallo. Jordan is part of the Miners revamped front line which has proved to be effective, if inexperienced early in the year.

photo by Ryan Shawgo

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UMR Team Feature: UMR's hockey club team continues to roll

by David Wekesa
Staff Writer

Although inline hockey is relatively young, it is slowly but surely gaining popularity as a sport. The University of Missouri-Rolla is represented in the sport by the UMR hockey club team. Just like the sport, the team is relatively young. It has been in existence for about 5 years.

This season, the team is composed of James Cammarata, Mark Schrewe, Ryan Brown, Brian Koscielski, Matt Chrapek, Peter Hong, Alex Herr, Craig Wagner, Derek Englestad, Kris Staszczuk, Steve Elliot, Marty Farrell, Jon Press, Tim Canter, Jarno Vainio, Paul McLeane, Jim Kane and professor Neil Anderson who acts as coach.

Most of the players have experience in ice hockey. A few of the team members also participate in Varsity sport. Some others also play for local clubs.

The team is a member of the Great Plains Collegiate Inline Hockey League (GPCIHL), a subset of the College Inline USA. This League is composed of 12 college teams from Missouri and Kansas, which play 22 games over the full school year. At the end of the season, the top six teams go to regionals, and the top three teams in the regionals advance to the nationals.

This season, the UMR inline hockey club team has been skating from victory to victory. Currently the team is second in the division and they have lost only two games. Both losses were against Truman State. The team's statistics are also impressive. They have a total of 88 goals and 71 total assists.

When asked about their performance, team captain Wagner said,

"This year is the best we have ever had."

On their objectives Farrell said, "Our main goal is getting to the nationals. Last year we were so close."

On the team he said, "This year's team is much better."

Wagner agrees completely, describing both the team and the season as incredible.

The team appears to be very cohesive. They hang out together as a team especially when on the road. This sense of togetherness seems to translate to teamwork during the games.

The payoff is evident from the number of games they have won so far.

Like any other sport, injuries are common although this has not really affected their game. This is because the teams are allowed to rotate players during the game and thus any injured players can be rotated off and on without affecting the flow of the game.

How- ever, to remain in shape, the team practices once a week for a couple of hours. This seems to work well for the team.

Usually the team recruits by advertising tryout sessions and then they pick those they believe are good enough to play. The club has a chairman and a secretary/treasurer and other elected officials. With the help of Professor Neil Anderson the club runs smoothly, balancing both off and on the field activities related to the sport.

When asked what makes a good hockey player, Wagner said, "One has to be team oriented, fast, quick moves and be able to shoot hard shots."

So far the team has displayed all of these qualities, and then some.

ANSWERS TO CROSSWORD PUZZLE

PUZZLE APPEARS ON PAGE 16.

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Swim team dominates at Arkansas-Little Rock meet

The week of rest that the Miners took into the Arkansas-Little Rock Invitational paid off large dividends this past weekend as ten swimmers qualified for the national meet and the team placed first ahead of some tough competition.

"I was pleased with our performance. We beat some really fast guys out there and also beat [Southwest Missouri State University] who had beaten us earlier this year. That was really satisfying," head coach Doug Grooms said.

The team received strong performances from every member, including the relays. Three of the five relay teams, the 200-, 400-, and 800-yard freestyle relays, placed first. The 400-yard medley relay consisting of Josh Jolly, Bruno Amizic, Steve Caruso, and Dave Belleville placed a strong third and turned in a national qualifying time. Jolly, Jeremy Evans, Jeff Reuschhoff, and Tom Beccue combined in the 200-yard medley relay also helped the Miner's cause out by placing second.

The 200-yard relay team of Belleville, Kris Leftwich, Mark Pearce, and Beccue would not let the 400-yard medley relay show them up. They too made the nationals time cut. The 800-yard freestyle relay team topped the others by setting a new school record in addition to making the national qualifying time. Belleville, Dave Nurre, Vanja Dezelic, and Mark Finley will now have their name posted on the team's record board.

The relays were just the start of the Miners' stellar performance. In the 500-yard freestyle, Finley qualified for nationals again while placing second overall. Teammates Dezelic and Nurre assisted Finley taking third

and fourth respectively.

In the 50-yard freestyle, Belleville and Beccue tag-teamed to take second and third while Belleville qualifying himself for nationals in an individual event this time. Not to be out done, Amizic won the 100-yard breaststroke and continued the string of qualifying times for the Miners.

Only two more swimmers would qualify for nationals, and they would both come from the 200-yard butterfly event. Newcomer Jeff Raggett placed second in the event while veteran teammate Caruso took seventh for Rolla.

The strong performances did not end, however. The team showed many fast times in its other events as well.

In the 100-yard butterfly, Raggett and Caruso united again, this time to take second and third respectively. In the 200-yard backstroke, Jolly and Finley elongated the trend the trend set by Raggett and Caruso and also took second and third.

Phil Heller won the 200-yard individual medley and was helped out by his comrade Pearce. Dezelic had another strong performance in the 1650-yard freestyle placing third and Todd Lundberg was close at his heels finishing fourth in the event.

The Miners finished the meet first with a total of 797 points. Their nearest competitor was Division I SMS who fell 52 points shy. Division II rival Truman State University finished a distant third.

"I was pretty confident that we would get several qualifiers at this meet. We've been working towards it all semester and my expectations were high and the guys on the team also had high expectations," Grooms

see *Swimming on page 8*

Lack of sportsmanship may cause a backlash against sports in our society

by Randal Burd

Assistant Sports Editor

It seems sportsmanship and the acclamatory values it represents in our society is dying in more ways than one. Not too long ago, we thought Mark McGwire and Sammy Sosa had brought the light of hope to shine through the darkness engulfing our national pastime and sports in general. Their effort of rejuvenating public interest in sports has passed, the memories of record-breaking home runs now fading with the accompanying memories of warmer weather.

Also moving into history is another legend of baseball—Joe DiMaggio fights a losing battle with infection after lung cancer surgery. One by one I've watched the legends die, Roger Maris, Mickey Mantle, Dimaggio...and there are others. They pass into history as a memory of better times, a time of values and role-models—the values now replaced by sports cars and multi-million dollar estates.

An autograph is now a financial investment, no longer a piece of memorabilia saved to remember a once-in-a-lifetime encounter. It is sad the legends must now leave, never belonging here, trapped in a world mocking everything they believed.

Even the role models I looked to as a kid, Ozzie Smith, Nolan

Ryan, Jim Palmer, Florence Griffith-Joyner, and Walter Payton have left the spotlight and faded into retirement. Now we are left with but a few heroes among professional athletes.

Mike Tyson is once again faced with criminal charges. This time he was involved in a minor traffic accident in which he allegedly got out of the car and began kicking and punching the other involved parties.

This athlete who has a video game named after him and was the boxing role-model for today's youth can not seem to keep himself out of the courtroom. He pleads no contest to assault charges now after being overlooked for biting Evander Holyfield's ear in June 1997.

He faces up to 20 years in prison, yet is schedule to fight Francois Botha on Jan. 19 in Las Vegas. Where is George Foreman and Cassius Clay when you need them?

The National Basketball Association has yet to reach an agreement in their fifth month of lockout. Players have missed 160 games and have lost over \$390 million in salaries since the beginning of the season.

Players earning big bucks are arguing for bigger bucks while players on the bottom tier are trying to figure out how to feed their families. Why must the players continuously demand to make

more money? The rate of inflation is not so high as to bring forth the necessity of another million for any player.

If the players are upset about the NBA reaping too much of the profits, why not allocate a certain percentage of the profits to charity. Fans get to watch basketball, players will make decent salaries, more homeless people will have shelter and food, more medical research could be done, and the NBA gets a hefty tax break. It sounds like a solution to me.

The National Football League is seriously considering bring back the instant replay. Talk of incompetent officiating has roused negative talk out of NFL fans. The only problem is, instant replay will not help reverse a call when the official can't remember if a team called "heads" or "tails" on a coin-toss.

What started out to be a relaxing event, a pastime, dare I say "fun", is dying away to be replaced by "who is facing what charges where", "I won't play unless I get another million", and the classic, "the ref is blind". Since it seems the fun has died away, the place and impact of sports in our society should not be too far to follow.

Randal Burd is the Assistant Sports editor, writer, and columnist for the Miner. Feel free to contact him or the Miner sports staff and let us know what you think.

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THANKS FOR A GREAT YEAR HAPPY HOLIDAYS FROM THE STAFF OF UMR BOOKSTORE

Swimming

from page 7

said. Dave Nurre continued on Grooms' theme.

"We did real well. We qualified 10 guys to nationals and we beat SMS and Truman," Nurre said.

Now that the team is done with meets for the semester, they will try to build thier yardage back up to what is was before they started tapering for the Arkansas-Little Rock Invite.

"We're trying to get back to work and increase the yardage greatly, but it's tough with finals next week to get everybody on the same page," Grooms said.

The team will enjoy a two week break for Christmas during which they can go home and visit their families, but they must also stay in shape for the tough trip to Florida at the beginning of the year.

According to Grooms the trip to Florida is designed to be fun but the team will work "extremely hard."

HIGHWAY



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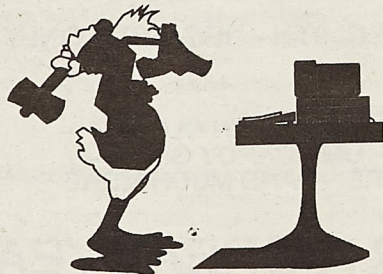
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UMR Helpdesk Tip of the Week

Need help creating a web page or using the Unix systems? Check out the "Reference Center" link on the Helpdesk Homepage Below.



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Email: helpdesk@umr.edu

Homepage: www.umn.edu/helpdesk

NFL UPDATE

Week 13



Philadelphia 17
St. Louis 14

Fast Fact: Koy Detmer threw a 61-yard pass to Irving Fryar in the third quarter, giving Fryar his first touchdown reception in nearly a year as the Eagles beat the Rams 17-14.

Atlanta 28
Indianapolis 21

Fast Fact: Payton Manning has thrown for 2,969 yards this season, breaking Rick Mirer's NFL rookie record of 2,833. Mirer set the record in 1993.

New England 23
Pittsburgh 9

Fast Fact: Before this game, the Steelers had won seven of eight including two against New England, one a 7-6 play-off victory last season.

San Francisco 31
Carolina 28

Fast Fact: Garrison Hearst pushed his rushing yardage total to 1,244, keeping him on pace to become the 49ers' single-season leader. The club record is 1,502 by Roger Craig in 1988.

Buffalo 33
Cincinnati 20

Fast Fact: Neil O'Donnell, starting for the first time in three games, soothed the fans and stunned the Bills by throwing a pair of touchdown passes in the second

quarter for the Bengals' first lead in 17 quarters.

Jacksonville 37
Detroit 22

Fast Fact: Fred Taylor surpassed James Stewart for the single-season rushing record. He has 1,005 yards on the season.

Washington 24
San Diego 20

Fast Fact: The last time the Redskins and Chargers played each other was in 1989, when current Chargers general manager Bobby Beahm held the same job with the Redskins.

NY Jets 32
Seattle 31

Fast Fact: Vinny Testaverde's 42nd completion tied for the most in NFL history in a regulation game with former Jets QB Richard Todd. New England's Drew Bledsoe hit 45 passes in an overtime game in 1994.

New Orleans 22
Dallas 3

Fast Fact: Sunday's game marked the 142nd straight sellout for the Cowboys (home or away). The streak includes 73 straight road sellouts. The last time a Dallas game was not sold out was Dec. 16, 1990, against Phoenix.

NY Giants 23
Arizona 19

Fast Fact: Cardinals fullback Larry Centers had five catches, giving him 521 in his career. Wide receiver Roy Green set the franchise record with 522 from 1979-90.

Denver 35
Kansas City 31

Fast Fact: Terrell Davis is only the third player in NFL history to reach 6,000 yards rushing in the first four years of a career. Eric Dickerson (6,968) and Earl Campbell (6,467) are the others.

Tennessee 16
Baltimore 14

Fast Fact: The Oilers opened the game by scoring on their first three possessions, the first time they had scored on three straight since Nov. 1 in a victory over Pittsburgh.

Miami 27
Oakland 17

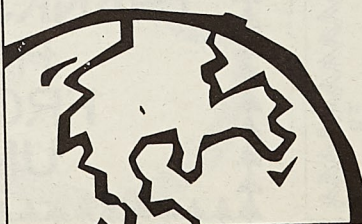
Fast Fact: Karim Abdul-Jabbar's 45-yard run was the longest of his three-year pro career, and he added a 40-yard run in the third period. His previous longest was 32 yards last week against the Saints.

Minnesota 48
Chicago 22

Fast Fact: Randy Moss' 55 catches are a team rookie record, surpassing the 51 by Paul Flatley in 1963 and Sammy White in 1976.

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Verve

Dating: Another look at happiness in relationships

by Andrea Benson

Verve Writer

I want to apologize. I have received much feedback from my article named "Dating: Do we really need to be happy?" in the November 18 Missouri Miner. (By the way, the title was a misprint. The title should have read: "Dating: Do we really need it to be happy?") and I understand that my points have been slightly unclear. To better illustrate my point, I will tell you a story.

There was once a girl living in a small, deeply religious town. She came from a fine family rich in faith and tradition. Her parents loved her deeply and cared for her and taught her many important lessons, especially about the world of the opposite sex. They taught her about purity and the love that exists between two people destined to be together by the hand of God.

Her minister was a true friend of the family, and she would occasionally ask for advice when she was confused about the roles of dating. He would consistently turn the pages to the book of Proverbs and quote. She would then smile and go home, remembering always his words to her and dreaming of the day that she would finally find her own match.

She met a man one day. He was charming and sweet, but he had a few flaws. He would sometimes look at her strangely or say things to her that made her feel slightly uncomfortable. They were minor flaws, which he would apologize for. She consulted her best sources, and she determined that she should not judge (lest she fail to follow the pointed verse in Matthew 7:2), and should rather forgive.

In every other way, however, he seemed to match her best interests. They dreamed their dreams together

in the bright beauty of love. She was delighted the day that he asked her to be his wife. They spent every day



together in the light of God's love. Or so she thought.

After many, many months of being together, the man changed.

Rather, the mask was removed. He cornered her when they were alone, and she was raped over and over again. He told her that he was only showing his love for her... and that if she ever left that he would kill her.

When she saw the fire in his eyes and the gleam of a hefty baseball bat, she knew that he was telling the truth. Sadly, the girl became pregnant. Then she was forced to disrupt the calm and peaceful nature of her home with this dreadful news. The man, frightened of the possibilities of parenthood, disappeared.

The point of my story is that many people go through life thinking that nothing bad can ever happen to them. They believe that if they pray fervently the answer of their mate will come to them. I have been a very active Christian for many years.

I fully believe in the powerful effects of prayer and in the blessed nature of a personal relationship with God. I've seen it in the eyes of this girl who prayed each day that she would live to see the next. She is alive today, and her perspective on life has changed. She is not broken any longer, but she now believes in the important saying, "God helps those who help themselves." Had she known what to look for in a person, she may have avoided making hasty decisions and realized the man for who he really was.

Divine interference goes only so far. God cannot come down personally and point out the love of your life. Just as your parents cannot tell you what your dreams are, God cannot tell you which person is the right one for you. He guides, not dictates. It is up to you to use the gifts that you have

see Dating, page 13

Rocko's Review: Psycho this one should be rented

by Justin Sutherland

Reviewer-at-Large

After three sequels to Alfred Hitchcock's original *Psycho*, Director

Gus Van Sant decided it was time to remake the classic film. It is not a new fascination for directors to rehash classical movie themes or to simply and blatantly remake movies.

It is not even a new idea to remake classic Alfred

Hitchcock films. In some cases these remakes turn out very well. What makes them good, in my mind, is the most important dimension of a movie remake: to contemporize the story or setting so that a new audience can identify with the situation.

A *Perfect Murder*, a remake of Hitchcock's *Dial M for Murder*, seems to do this. While watching *A Perfect Murder*, my friends continually pointed out the differences between the remake and the original.

By the end, I came to realize (as I think they did as well) that the similarities in the movies were obvious enough to call it a remake, but the differences were sufficient enough to make the newer version interesting and not just a rehash of a classic film.

Psycho does not take this route though. Instead, the new *Psycho* is nearly a Xerox copy of the original. There are a few added scenes and some ad-libbed lines, but that's all the differences there are. Neither the producer nor the director seemed to make much effort or want to give us anything new. Ultimately, this begs the question: "Why remake *Psycho*?"

The Take:

Marion Crane (Anne Heche; *Return to Paradise*, *Wag the Dog*) embezzles \$400,000 from a man her boss

is in business with

to help out

her alimony-stricken

boyfriend (Viggo Mortenson; *A Perfect Murder*, *The Prophecy*). On her long journey to see him, she stops at the Bates Motel to rest. Here, she meets the estranged Norman Bates (Vince Vaughn; *Swingers*, *The Lost World*). Later that evening, Marion is stabbed to death in the motel (the infamous shower scene).

When Marion seems nowhere to be found, her sister (Julianne Moore; *The Lost World*, *Boogie Nights*), boyfriend and a private detective (William H. Macy; *Pleasantville*, *Boogie Nights*) begin looking for her — a search which ultimately brings

them all to the Bates Motel.

Rocko's Two Cents:

Frankly, I thought *Psycho* was an excellent film, despite a few nit-picky inconsistencies I discovered. What baffles me is why anyone would make a shot-by-shot replica of the original.

The original was made under extreme secrecy in 1959. So much so, that Alfred Hitchcock bought up as many copies of the novel as he could and titled the production "Wimpy" while it was being filmed so no one would find out the ending or even know that he was working on a film version of *Psycho*.

But thirty years later, everybody knows Norman Bates is a mental case. On top of that, the infamous shower scene has been parodied many times since the original. This gave it almost a sense of comedy when it occurred in

the remake.

All in all, the thrill, horror and mystery that made the original a classic were completely lost in the remake. Even the musical score is lifted from the



Alfred Hitchcock is known as the "Master of Suspense"

original.

My advice is to save your money at the theater and watch the original *Psycho* on video.

The Broke College Student:

Free maps for states and countries

by Holly Hawkins

Verve Writer

<http://www.freemap.com/free.htm>

Free maps! This site has links to states which offer free maps. Most of the states are listed and some countries, such as Jamaica, offer tourist maps. You might want to check this site if you're planning a vacation or road trip for spring break.

<http://www.catchow.com/home.html>

Free 1999 cat calendar, sponsored by Purina. I have to admit, I didn't like this calendar as much as Purina's celebrity dogs calendar (offered in a previous edition of this column). Yet, for being free, it's still a quality calendar.

<http://www.graycompany.com/gcutter.htm>

Free reindeer cookie cutter with cookie recipe. Simply fill out a form and answer a question about the sponsor's products and you should receive the baking tool in a couple of weeks (don't get your hopes up for Christmas delivery).

<http://www.webcom.com/cccomm/meineke/coupons.html>

Meineke discount muffler and service garage homepage. If you're taking your car home for some serious repair over the break. I would bookmark this page if I were you. You can print coupons off the page which could end up saving you as much as \$25 off your service charge.

<http://www.eskimojoes.com/clothes/default.html>

Free Eskimo Joe's Catalog. This site also allows you to shop online for products that carry the famous logo. Prices are reasonable for the clothing and make great gift ideas for Christmas.

Holiday Bonus!!!

As a special Christmas treat to my readers, I've added some toll free numbers which offer even more specials and discounts:

1-800-249-0129 - Free 25% Off Purchase Coupon for Hunt Club Clothing at J.C. Penney

1-800-962-2345 - Free \$2 Rebate Form on Colgate Platinum Toothpaste

1-800-385-3478 - Free "Cetaphil" Skin Cleanser Products Coupon and Product Information

1-800-955-0080 - Free "Xena the Warrior Princess" TV Show Official Merchandise Catalog

1-800-225-2085 - Free "The Highlander" TV Show Official Collectors Merchandise Catalog

1-800-248-8882 - Free Jerry Springer Show's "Too Hot For TV" Official Merchandise Catalog

CHRISTMAS BRINGS HAPPINESS AND JOY

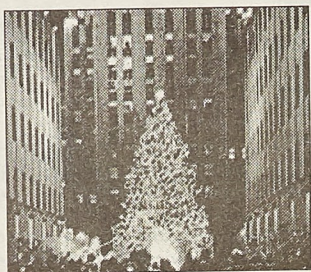
CHRISTMAS, SANTA, CHRISTMAS TREES: WHERE DID IT ALL COME FROM?

by **Walter Rader**
Verve Writer

The origin of the celebration of Christmas lies in the sun worship prevalent before monotheistic religions. The Romans honored Saturn, the Persians honored Mithra, the ancient Egyptians honored Isis, but the cause for celebration was the same: the winter solstice, the point when days would begin getting longer as spring approached. It was a victory of light and life over darkness and death. As more and more people turned to Christianity, they were encouraged to mark the rebirth of a new year by thanking the god who had sent them Christ. Though the birth date of Jesus is unknown and most early Christians didn't celebrate his birthday, in 350 AD Pope Julius I set the probable date to December 25.

The Christmas tree is pagan in origin. At the winter solstice, Druids decorated oak trees with apples and lighted candles to give

thanks to their gods Odin and Balder. According to Christian legend, an English missionary named Winfrid was trying to convert pagans in Germany. As they were



The Christmas Tree in Rockefeller Center

about to sacrifice a prince near the Oak of Geismar, Winfrid cut down the tree and a young fir tree sprang up in its place. Others believe that the use of Christmas trees began during the sixteenth century. Legend has it that on Christmas Eve, German Protestant leader Martin Luther was inspired by the beauty

of some tall evergreens against the starry sky. He cut a fir tree, took it home to his family, and placed candles on its branches. The first actual record of a Christmas tree is in a German book printed in 1604. By the nineteenth century it had spread throughout northern Europe.

In England, there were no Christmas trees, but the celebration was lively nonetheless. Pranks and mischievousness was common. Sometimes, revelers would take control of an entire town. In 1642, the Puritan government banned the holiday as rowdy and pagan. Eighteen years later, King Charles II revived the celebration. The Christmas tree appeared after Prince Albert celebrated the birth of their first son in 1841 with one. Before long, the custom spread throughout England.

Christmas was also banned by Puritans in early America. Christmas trees appeared during the

American Revolution, when German soldiers hired by the British set them up as was custom in their home country. During the nineteenth century, as many Europeans immigrated to America and brought with them their Christmas customs, the celebration became more common. In 1856, President Franklin Pierce decorated the first White House Christmas tree.



Santa Claus wasn't the first person to bring gifts to good little boys and girls. As with most other Christmas icons, his origin is in Pagan religion. The Christian equivalent is St. Nicholas, a bishop born in Asia Minor in the fourth century. Legend tells of his kindness and love for children. A nobleman with three daughters had no money for. When the first daughter was ready to be married, St. Nicholas tossed a bag of gold into the house at night. The same happened for the second daughter. When the third daughter's turn came, St. Nicholas's bag of gold fell in a stocking hung by the chimney to dry.

In Dutch, St. Nicholas was called Sinterklaas, probably the origin of the name "Santa Claus". In some parts of Germany, twelve young men dressed as animals danced along after

see Christmas, page 19

THE BROKE COLLEGE STUDENT:

DON'T KNOW WHAT TO BUY? HERE ARE SOME GIFT IDEAS.

by **Holly Hawkins**
Verve Writer

For those of you who are either last minute or uncreative shoppers, the following is some gift ideas for you. Being in college, many students don't have a lot of time and money to spend on gifts, especially at Christmastime when usually buying for more than one person. The gifts that I've thought of could be given to friends, used in gift exchanges, given to tutors, etc.

Food gift certificates

Many local eating establishments allow you to purchase gift certificates worth a minimum of \$1-\$2. Suggested places include: Denny's, Steak 'n Shake, A Slice of Pie, Primas and Applebees. Chances are, there will be something that the recipient likes to eat on the menu.

Movie passes

The last time that I went to the movies in Rolla, it cost \$6.00. You can not only get a great gift but also save money on it by purchasing discount movie passes at the UC West ticket window.

Blockbuster Gift Card

These credit card like gifts can be purchased in various amounts. You can then use the card to purchase videos, CDs and anything else Blockbuster has to sell.

Mobil Speed Pass

The pass works on the same principles as the Blockbuster card, except you redeem it on gasoline and in store

purchases as Mobil gas stations.

Stemware

People like interesting glasses to drink out of. Wal-Mart has an expanded selection of glasses, goblet, steins, etc. that can be bought either separate or in a set. Prices tend to start at about \$1 for each piece. You can also be creative and shop around at local antique stores and flea markets to get unique pieces, often at cheap prices.



Black lights and accessories

A black light kit which includes the bulb can be found as cheap as \$10.00. Posters that are manipulated by the light can be found for

around \$4.00. Candles, the majority of which are long and slow burning, can be found in the \$7.00 range.

Nail Polish

A girl (and some guys) can never have enough of this stuff. I would suggest Bon Bons polish. Available at Wal-Mart, each mini bottle costs less than a buck. Because it's so cheap, you can buy several.

Glow in the dark stuff

Again, this product can be found at Wal-Mart. Many people like to decorate their living areas with glow in the dark stars. The selection I found includes stars, solar systems and various animals. Packs typically run \$3.00 each.

IOUs

As a last resort, if you are extremely broke or don't think your friend will like anything else, this should work for you. Simply make out a coupon like statement saying that it's redeemable for something that you can offer. Suggestions include: troubleshooting with computer problems, picking up the tip the next time at a restaurant, washing a car, running errands for a day or weekend, babysitting, designing a webpage...the list is endless.

PPINS AND JOY TO THE WORLD

JOY TO THE WORLD! CHRISTMAS SPIRIT IS ALL AROUND US

by Sarah Albers

Assistant Verve Editor

"Joy to the world, the Lord is come. Let Earth receive it's king! Let every heart prepare him room. Let heaven and nature sing. Let heaven and nature sing. . .," this Christmas carol is a good description of what the spirit of Christmas should be for everyone. "Peace and good will to all" are thoughts and messages sent in the millions of Christmas cards sent over the next few weeks to all people everywhere.

The same thought should fill the mall as people go shopping

for the ever-expensive Christmas present for the person that you think might get you something so you HAVE to get them something just in case. Or the airport, as millions of people travel over the world to be with their family for Christmas and the airports receive their own Christmas present by the millions of dollars that they earn over the holiday season.

Then again Christmas spirit is in the home. The meal spent with the family and your closest friends, or the excitement of waking up at five in the morning to open your presents. (Who can sleep on Christmas morning?)

Possibly in the church when the little

children put on a Christmas play re-enacting the story of Christ's birth, or when attending midnight mass and laughing to yourself as you have to keep your parents awake through the proceedings.

Christmas spirit could also be found in the face of a loved one when you surprise them with a present that was "just what he/she always wanted" and the smile that you receive afterwards.

The spirit could be found in the classroom when your professor looks at you and says, "I don't believe in finals." Maybe this IS too much of a stretch: how about Christmas spirit being found when your most hated

professor says "This is the last class."

For those students who haven't been home in a long time Christmas spirit could be found in just going home.

No matter where or when Christmas spirit is found (in the re-run Christmas cartoons in July) is the same thing. It is the smile of a loved one, a gift given from the heart, a warm bed and meal on Christmas day, the wave of a stranger letting you go first, or even the bells of the Salvation Army people in front of Wal-Mart.

Try to spread some of your own all year round. Most of all, have a merry Christmas and a happy new year!

KWANZAA:

by Holly Hawkins

Verve Writer

Many Americans have heard of the holiday Kwanzaa, however, few have a true understanding of the holiday. Many think it's either strictly an African American celebration or a creation concocted by a greeting card company.

Kwanzaa is rooted in African beliefs, yet it is celebrated in places such as India, South America and parts of Europe.

Kwanzaa revolves around five fundamental activities which celebrate and reinforce family, community and culture. According to Dr. Maulana Karenga, founder of the holiday of Kwanzaa,

A

NON-TRADITIONAL

HOLIDAY

[it] is a time of ingathering of the people, the rich and various human harvests. It is, then, a time to come together and reinforce the bonds between us as a people in spite of our diversity.

Thus, Africans who are Muslim, Christian, Jew (Hebrew), followers of the ancient African traditions of Yoruba, Maat, Dogon, Ashanti, Dinka and other religious traditions celebrate Kwanzaa. For it is a cultural holiday not a religious one. Indeed African culture is diverse and the home of innumerable religious traditions. Likewise, old and young reach across generations and embrace and find in Kwanzaa a common ground of heritage and promise.

Kwanzaa is also considered a time of thanksgiving for life, love and mother earth. It commemorates the past, remembering African struggles throughout history. Karenga adds,



Dr. Maulana Karenga

Kwanzaa is a time of recommitment to our highest ideals. It is, then, a time of focusing on thought and practice of our highest cultural vision and values which in essence are ethical values — values of love, sisterhood, brotherhood.

respect for the transcendent, the human person. It is here that the Nguzo Saba (The Seven Principles) serve as the central focus of Kwanzaa in thought and practice. These communitarian values which are both cultural and eth-

ical are, Umoja (Unity), Kujichagulia (Self-Determination), Ujima (Collective Work and Responsibility), Ujamaa (Cooperative Economics), Nia (Purpose), Kuumba (Creativity) and Imani (Faith).

So how does one go about celebrating Kwanzaa? In the United States, major cities with large African American populations produce events such as storytelling of African folk tales, music, costume, and dance shows and outdoor public events such as run/walk competitions to gain community support and understanding of the holiday. For more information on Kwanzaa, one can check out the following websites:

<http://www.itskwanzaa.com/>
<http://www.tike.com/>
<http://www.cnn.com/EVENTS/1996/kwanzaa/>

RAMADAN: THE MONTH OF FASTING AND WORSHIPPING

by Noraina Mohamad

Muslim Student Org.

Ramadan, the Month of Fasting is Dec. 20, 1998 to Jan. 18, 1999.

The Meaning of Ramadan

Ramadan is a special month of the year for over one billion Muslims throughout the world. It is a time for inner reflection, devotion to God and self-control. Muslims think of it as a kind of tune-up for their spiritual lives. There are as many meanings of Ramadan as there are Muslims.

The third "pillar" or religious obligation of Islam, fasting, has many special benefits. Among these, the most important is that it is a means of learning self-control.

Due to the lack of preoccupation with the satisfaction of bodily appetites during the daylight hours of fasting, a measure of ascendancy is given to one's spiritual nature, which becomes a means

of coming closer to God. Ramadan is also a time of intensive worship, reading of the Qur'an, giving charity, purifying one's behavior and doing good deeds.

As a secondary goal, fasting is a way of experiencing hunger and developing sympathy for the less fortunate and learning to thankfulness and appreciation for all of God's bounties. Fasting is also beneficial to the health and provides a break in the cycle of rigid habits or overindulgence.

Who Fasts in Ramadan?

While voluntary fasting is recommended for Muslims, during Ramadan fasting becomes obligatory. Sick people, travelers and women in certain conditions are exempted from the fast but must make it up as they are able. Perhaps fasting in Ramadan is the most widely practiced of all the Muslim forms of worship.

The Sighting of the Moon

Ramadan is the ninth month of the Islamic calendar. The much-anticipated start of the month is based on a combination of physical sightings of the moon and astronomical calculations.

The practice varies from place to place, some places relying heavily on sighting reports and others totally on calculations. In the United States, most communities follow the decision of the Islamic Society of North America, which accepts bonafide sightings of the new moon anywhere in the United States as the start of the new month. The end of the month, marked by the celebration of 'Eid-ul-Fitr,' is similarly determined.

From Dawn to Sunset

The daily period of fasting starts at the breaking of dawn and ends at the setting of the sun. In between — that is, during the daylight hours — Muslims totally abstain from food, drink, smoking and marital sex. The usual practice is to have a pre-fast meal (suhoor) before dawn and a post-fast meal (iftar) after sunset.

The Islamic lunar calendar, being 11 to 12 days shorter than the Gregorian calendar, migrates throughout the seasons. Thus, since Ramadan begins on December 20 or 21 this

see Ramadan, page 19

Organizational Update

StuCo: Two new resolutions

by Julie Crow

Student Council

Student Council had a long but productive meeting last Tuesday. The University Center Renovation architects attended the meeting. They gave a presentation to StuCo outlining the plans for the building and how the project has progressed since its initiation last November.

Due to the fact that the project is slightly over budget, StuCo increased the upper limit of the project budget to \$14 million from the previously agreed upon limit of \$12 million with the understanding that no more than \$12 million will come from student fees. Any additional

outside funding will be used to lighten the students' debt load.

Student Council also passed



two resolutions at Tuesday's meeting. One resolution gave StuCo's support of the inclusion of emer-

gency procedure information on course syllabi. The other resolution supported the addition of sexual orientation to the University of Missouri System's non-discrimination clause. These resolutions can be viewed from the StuCo web page.

The time is coming for Student Council to begin considering funding applications for next semester! Professional Projects applications are due on Jan. 15, and Club Appropriations applications are due on Jan. 22. Applications are available from the StuCo web page. If you have questions or want to find out if your organization is eligible contact the Student Council office at 341-4280 or stuco@umr.edu.

UMR TECHS: Get rid of stress

by Veronica McAffrey

UMR TECHS

Finals + Projects + Family = STRESS!

So, you've been studying for that exam all week, and you still can't remember the equations? Thanksgiving dinner with the family gave you muscle tension and a headache?

Your new study partner motivated you to fix your hair and wear something other than your flannel pants? You are a.) losing your mind, or b.) experiencing stress. If you guessed "b", then you are probably

right.

What is the difference between bad stress and good stress? (Here is a hint, the first two scenarios were examples of bad stress, and the last is an example of good stress.) Bad stress disturbs your thoughts, feelings, health and actions. Good stress on the other hand leaves you stimulated, motivated and challenged. What is good stress for one person can be bad stress for another, and what causes good stress one day might be bad stress the next.

If you are experiencing the symptoms of bad stress, then you might want to try some solutions

such as getting up earlier, preparing things ahead of time, avoid tight clothing, avoid chemical aids, set appointments, do things in moderation, exercise, get help with jobs you dislike, break down large tasks, schedule play time, get enough sleep and most importantly find support.

With that in mind, if bad stress is a day-to-day companion, consider talking to someone like the Health Educator at Student Health, Linda Burnette, or a counselor in the Center for Personal and Professional Development. They can help you identify your stressors and learn stress management techniques.

The art of book buying

by Holly Hawkins

Verve Writer

With dead week and finals upon us, I decided that people won't have enough free time to surf the net for freebies. Instead, I'd like to take this time to educate you on options for buying and selling your textbooks, in order that you will get the most for your money. The following is my opinion, based on personal experiences and comparative shopping.

Barnes and Noble (campus bookstore)

Selling -- The campus bookstore is fast, but they don't always offer the best prices. If you're lazy, they usually offer buyback options in TJ, in the South lounge. Last year, they had some sort of contest, where students could win prizes at random (I got a free soda).

Buying -- You're able to charge books on your student ID, which is good if you're broke. However, prices tend to be higher for books, as opposed to your other options. Returns are easy and fast, in case you get the wrong book. A suggestion, order your books online (see Barnes and Noble link on the "for students" area of the UMR homepage).

By doing this last semester, I got priority over the used books, which otherwise would've been almost nonexistent for two of my classes. The great thing about ordering in advance is that you are not obligated to buy; if you find a better deal, the book simply gets put back on the shelf.

Some books also are out of stock at the beginning of the semester, because of high demand. But by ordering in advance, chances are you won't have that problem.

In addition, with a new law passed in the Missouri legislature, total sales tax on textbooks bought in university established bookstores is significant cheaper than the local city sales tax (paid at the other bookstores).

Patty's University Book Store

Selling -- Patty's has bought some of my textbooks that Barnes and Noble wouldn't. You also don't have to wait in line to get your refund money. They offer about the same for buybacks.

Buying -- You also can order in advance (but by paper, not online) for next semester. In the past, Patty's has offered a 5% discount if you pay by check or cash for your books. The majority of books are slightly cheaper than on campus, however a few do cost more. They also carry textbooks for Columbia college, in case you have a class there next semester.

University Book and Supply

Selling -- This store is fairly new (located in old Pizza Inn building, next to TJ). I've only sold one book to them and got a much better deal than I would've at either of the two bookstores. University also has better media on campus than Patty's does, and I like that. It makes me feel like they're going to be more genuine in catering to students needs.

Buying -- I couldn't remember if it was on a buying or selling flyer but University promised the lowest prices, guaranteed. This store looks very promising, and would be worth checking into next semester.

StuCo Online Book Sale

I've saved the best for last. Student council sponsors, via a link on their homepage, a student run book sale, in which student post books they want to sell and the prices they're asking. In the long run, this benefits everyone. People interested in buying books can get the a lot cheaper this way and students can may substantially more profit by selling in this manner.

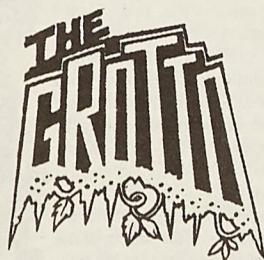
If your selling -- make sure your information about the book is accurate. If someone offers to buy if from you, take cash, NOT A CHECK (unless you know the person REALLY well). If you're buying, check to make sure the book matches your class and that your future professor will be using the book next semester.

IT CAN KILL YOU IF YOU DON'T RECOGNIZE IT.

Depression strikes millions indiscriminately. Depression is MOST dangerous when it goes unrecognized. Always be aware of the threat, and don't always believe everything you feel.

UNTREATED DEPRESSION
#1 Cause of Suicide

Public Service message from SAVE (Suicide Awareness Voices of Education) <http://www.save.org>



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Rock and Roll Hall of Fame takes blows to credibility

by Robert Hilburn

L.A. Times/Washington Post

You had to feel sorry for Billy Joel last year when he was informed that he had been voted into the Rock and Roll Hall of Fame -- only to learn later in the day that the news report had been in error and that he had, in fact, been passed over by the voters.

But now you have to feel a tinge of sympathy for the hall itself. The news of Joel's election this month is the latest in a growing number of body blows to the hall's credibility.

Though the organization should salute the most original and influential figures in rock history, it all too often opens its arms to artists whose credentials are primarily commercial.

One reason is that the hall directors continue to encourage the induction of seven new members a year.

That was a reasonable goal in the early days of the balloting, when the hall was trying to catch up with the many founders of the music. But no longer.

The membership has grown to 107 in just 14 years. At that rate, the hall will pass the 175 mark in another 10 years -- a total that it has taken the Baseball Hall of Fame two-thirds of a century to reach.

Under hall rules, recording artists can't be listed on the ballot until 25 years after their first record. Sentimentality aside, there usually aren't more than three or four truly great artists among the nominees in even a good year.

Of the dozens of artists who first became eligible this year, only Bruce Springsteen commanded enough

respect among the hall's committee of 1,000 or so executives, critics and musicians to win election.

That meant the selection committee had to reach back to artists, like Joel, who were passed over in previous years of eligibility to fill out the desired seven positions.

In two cases, the voters did so wisely. Curtis Mayfield and Paul McCartney, both of whom have been eligible since 1995, will be inducted along with Springsteen on March 15 in New York City.

But the remaining inductees are, to varying degrees, open to question. Joel, Del Shannon, Dusty Springfield and the Staple Singers have all

given us some memorable pop moments. But do they really represent essential chapters in rock history?

This year's deserving inductees: Bruce Springsteen -- You can trace the evolution of Springsteen's music by concentrating on four of his studio collections: "Born to Run" (the 1975 explosion of youthful desire and independence), "Darkness on the Edge of Town" (the 1978 follow-up that started questioning whether some of those youthful dreams really could be reached), "Nebraska" (the stark 1982 acoustic album that showed what happens when all hope and sense of human connection is lost) and "Tunnel of Love" (the aching personal

1987 look at the complexities of relationships).

Curtis Mayfield -- One reason it took voters four years to get around to inducting Mayfield and McCartney as solo artists is that they had already been inducted as members of groups --



- Mayfield with the Impressions in 1991, McCartney with the Beatles in 1988. But both delays were unfortunate because these two artists' solo works alone place them alongside or above half the musicians who have been voted into the Hall of Fame.

Mayfield -- a superb singer, guitarist and songwriter who continues to record despite being paralyzed since a

freak stage accident in 1990 - may not have benefited from the

promotional muscle of a label like Motown in the '70s, but make no mistake: The quality and influence of his own socially conscious music make him the equal of such Motown giants as Marvin Gaye and Smokey Robinson.

Paul McCartney -- Though his post-Beatles albums didn't match the heights of John Lennon's "Plastic Ono Band" and "Imagine," McCartney has produced plenty of winning music since his Beatles days, from the intimacy of the early "Maybe I'm Amazed" through the more elaborate and polished "Live and Let Die" and "Band on the Run."

The problem is that his reputation has been damaged by a proliferation of uneven Wings and solo projects. McCartney's most satisfying album was "Band on the Run," the 1973 collection that conveyed a self-assuredness reminiscent of the Beatles days.

Now for the question marks:

Billy Joel -- This New Yorker has had some 30 Top 40 hits, which is applause enough for a career marked by an ability to tell a catchy story through music, but little other lasting impact on pop-rock tradition.

Yes, he has made some undeni-

ably infectious recordings, including such spunky, high-energy outbursts as "Say Goodbye to Hollywood" and "My Life." But Joel is chiefly a derivative artist, rather than an important one.

Del Shannon -- Shannon was a quality rocker who is often overpraised because he happened to be doing creditable work during a period in rock (the early '60s) when the first wave of rockers was fading and the second hadn't yet arrived. In such tunes as "Runaway" and "Little Town Flirt," he captured nicely the whole notion of youthful romantic anxiety, but he was blown out of the water in that pop-rock niche when Roy Orbison came along. Try "Greatest Hits," a 20-song disc from Rhino.

Dusty Springfield -- If you listened to just one Springfield album (especially 1969's superb "Dusty in Memphis" or even the single-disc "The Very Best of Dusty Springfield" on Mercury), you might wonder why Springfield wasn't elected to the Hall of Fame years ago.

The Staple Singers -- There's a bit of a parallel between the Staples and Springfield in the sense that less is more. The best of the quartet's recordings on Stax Records in the late '60s and early '70s combined gospel, blues, folk and rock elements in message songs that helped define an era.

Tau Beta Pi congratulates new members

by Jessica Bigas

Tau Beta Pi

Tau Beta Pi would like to congratulate the following new initiates: Kyle Adams, David A. Akers, Elisa Armstrong, Brandon Ault, Jessica Bigas, Alissah Bodenhamer, Jane Brashers, Brian Cunningham, Jeff Diebold, Ken Dunek, Bob Eskens, Michelle Grace, Josh Gross, Peter J. Huska, Molly P. Koester, David McKinstry, Denise McMillan, Courtney Monzyk, James H. Nelson, Heather Nydegger, Sara Petrikovitsch, Scot Roche, Dee Scheman, Stephen M. Squibb, Kyle Tilly, Kerri Vencato, Nikki Washburn and Melissa A. Webber.

We would also like to congratulate the following award winners:

Outstanding Plaque: James H. Nelson

Outstanding Electee: Molly P. Koester

Tau Beta Scholarship Winners:

Lane Rezek

Jeremy Vandenbark

Tau Beta Pi is the national engineering honor society, now with 219 collegiate chapters, 59 alumni chapters and a membership of more than 368,000 in 85 countries. Engineering students in the top fifth of their senior class or top eighth of their junior class scholastically are elected to membership on the basis of character.

Graduate engineers may be elected on the basis of their eminent achievements in the engineering profession.

Congratulations new members and award winners!

Dating

From page 9

been given to determine the precise moment when your search is complete. Intelligence, understanding, wisdom and strength are examples of such gifts. That is why I say that the only way to accurately know which person to choose is to look at others. Compatibility is a crucial element in any relationship. One cannot look at friends and family to understand compatibility. They have to know themselves well enough to know what they want and what they don't. Wisdom such as this comes from experience.

I fully understand that there are many who do not have to date around to find that special someone. I call them lucky, for they are lucky to not have to look very far to know their other half, and they are lucky if they fully are able to appreciate those qualities that this person has over others with the same kinds of qualities. Dating and getting to know other people (without the distraction of sex) is a good way of gaining true lessons in life.

Broken hearts are not necessary in dating, as

this girl in my story. If two people date and find later that, while both have supreme qualities, they are truthfully not fit for each other, then they can move on to meaningful friendships.

These people come away with a new, understanding of what their actual future mate will be like. They also will have a profound appreciation for that perfect person when they come along because that no one in the world could ever equal them in your eyes.

Joshua Harris, author of "I Kissed Dating Goodbye," seems to have walked a good path of life. However, there are not many people in this profoundly confusing and often negative world who can see through the clouds of false goodness.

Who is really a good person? Is it the person who goes to church every Sunday, actively participates in readings and prayer service, and then goes home to beat his wife because he believes that she is a heathen for not bearing perfect children?

Appearances can be deceiving, but we have weapons, our intelligence and our wisdom. If we can recognize the demons early, before the sorrows of disappointment shower on us, then we may have a chance of success and true happiness.

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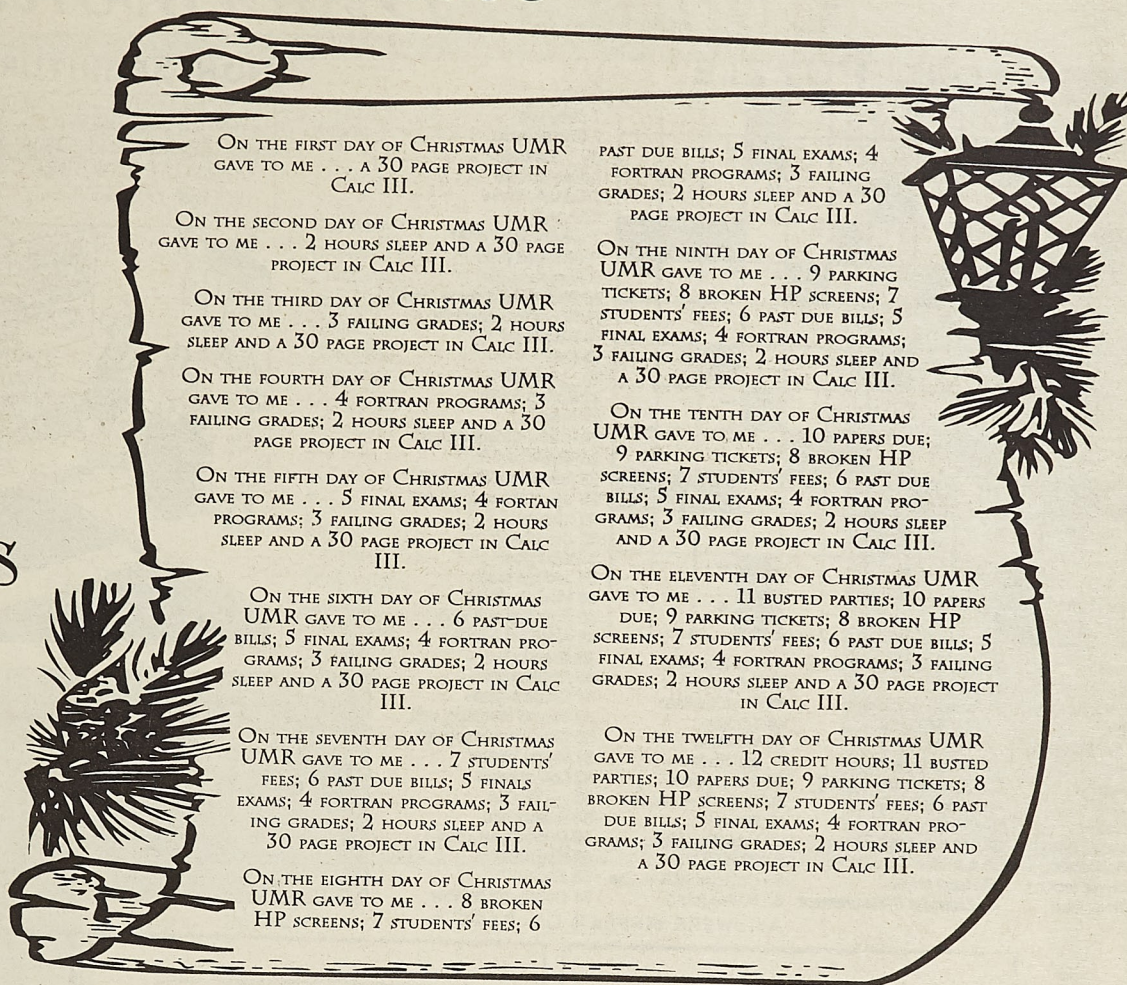
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Comics

The Twelve Days of Christmas ...Rolla Style



MINER ADJUSTMENTS

By C. James

25.) If 2.55 liters of liquid heptane ($d = 6816 \text{ g/ml}$) is combusted in air how many grams of water are produced?

HEPTANE? HEPTANE... 1.) METHANE 2.) ETHANE 3.) PROPANE 4.) BUTANE 5.) PENTANE 6.) HEPTANE... NO SIX IS HEX-BOTH HAVE AN X, SO SEVEN MUST BE HEPTANE... OKAY THEN, IF IT'S C_7H_{16} AND X IS 7... GOD, I CAN'T DO THIS!

SURE YOU CAN! YOU'RE A CHEMISTRY WHIZ! BESIDES IT'S THE LAST PROBLEM!

WHAT?! I TOLD YOU NOT TO WATCH THAT SOUTH PARK MARATHON LAST NIGHT! WHAT WERE YOU THINKING?

I DON'T KNOW. I THOUGHT I NEEDED TO RELAX AFTER ALL OF THAT STUDYING I DID. I DON'T EVEN KNOW WHERE TO START ON THIS PROBLEM...

SHUT UP! YOU AND YOUR STUPID PUPPET JUST SHUT UP! THIS IS CHEMISTRY! NOT ENGLISH!

ON? WHY DIDN'T YOU SAY SO EARLIER? BALANCE THE EQUATION! BALANCE THE EQUATION!

CONJUGATE THE VERB! CONJUGATE THE VERB!

CONJUGATE THE VERB! CONJUGATE THE VERB!

YES... BALANCE THE EQUATION...

$C_7H_{16}(l) + O_2(g) \rightarrow CO_2(g) + H_2O(g)$

7 carbon $\rightarrow 14$ oxygen
16 hydrogen $\rightarrow 8$ oxygen

so
 $C_7H_{16}(l) + 11O_2(g) \rightarrow 7CO_2(g) + 16H_2O(g)$

2.55 l $\left(\frac{1000 \text{ ml}}{1 \text{ l}}\right) \left(\frac{6816 \text{ g}}{\text{ml}}\right) = 1738.1 \text{ g}$

Heptane
 $7 \left(\frac{12.011 \text{ g}}{\text{mole}}\right) + 16 \left(\frac{1.008 \text{ g}}{\text{mole}}\right) = 135.6 \text{ g}$

$1738.1 \text{ g} \left(\frac{1 \text{ mole}}{135.6 \text{ g}}\right) = 12.8 \text{ mole}$

$12.8 \text{ mole} \left(\frac{8 \text{ mole } H_2O}{1 \text{ mole Heptane}}\right) = 10.25 \text{ mole } H_2O$

Water
 $1 \left(\frac{18.015 \text{ g}}{\text{mole}}\right) + 2 \left(\frac{1.008 \text{ g}}{\text{mole}}\right) = 18.03 \text{ g}$

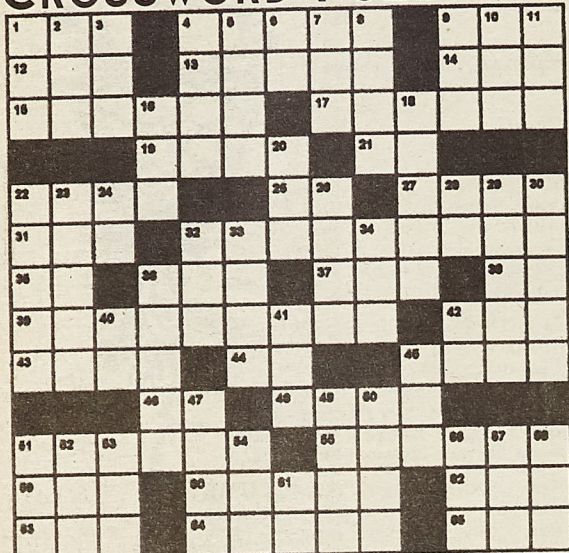
then
 $10.25 \text{ mole} \left(\frac{18.03 \text{ g}}{\text{mole}}\right) = 184.6 \text{ g}$

AH, YES... THERE IS AN IMPORTANT LESSON TO BE LEARNED HERE - NOT ONLY DOES READING SUCK, BUT CHEMISTRY SUCKS TOO! SO WATCH MORE TELEVISION, BURN ALL THE BOOKS, AND HAVE A GREAT VACATION!

WHAT?!? BLASPHEMY!

Comics/Diversions

CROSSWORD PUZZLE



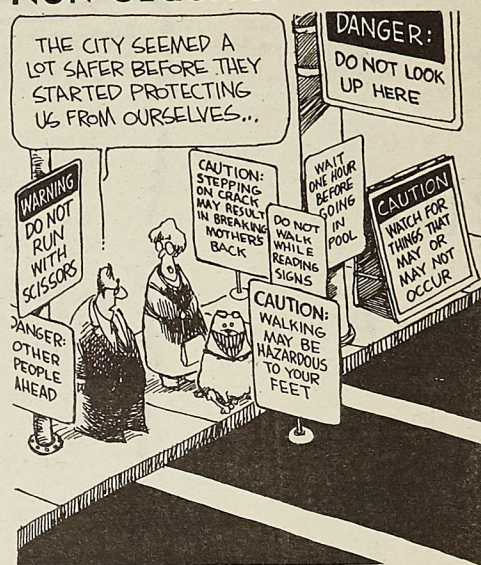
- DOWN**
- 1 Baby lion
 - 2 Chem. suffix
 - 3 humbug!
 - 4 Mesmerized
 - 5 Cancel; annul
 - 6 Myself
 - 7 Mischievous child
 - 8 Changed color
 - 9 Female suffix
 - 10 Period subdivision (pref.)
 - 11 Room for relaxation
 - 16 Petroleum
 - 18 Fast
 - 20 Vegas
 - 22 Spring flower
 - 23 Angry
 - 24 Public announcement
 - 26 43,560 sq. ft.
 - 28 Away from (Lat. pref.)
 - 29 Using the soft palate
 - 30 Changes
 - 32 Completed
 - 33 Whirlpool
 - 34 Judicial point
 - 36 Moslem wives
 - 40 Egyptian sun god
 - 41 Ahead in a race
 - 42 Greeting
 - 45 Appropriate
 - 47 Camera glass
 - 49 Iranian monetary unit
 - 50 Classic race (slang)
 - 51 Water barrier
 - 52 Low number
 - 53 Tin-Tin
 - 54 Extinct bird
 - 56 Over; above (pref.)
 - 57 Negative
 - 58 Expire
 - 61 Colloq. for mother

- ACROSS**
- 1 Tad
 - 4 Damp; muggy
 - 9 Flits
 - 12 America (abbr.)
 - 13 Foe
 - 14 Look
 - 15 Lo
 - 17 Being
 - 19 Image; hero
 - 21 Prosecuting lawyer (abbr.)
 - 22 Clock face
 - 25 Drinker's group (abbr.)
 - 27 Tar
 - 31 Person who does something to excess (suf.)
 - 32 Related; explained
 - 35 Midwest state (abbr.)
 - 36 Concealed
 - 37 Color
 - 38 1/3 mile (Chinese)
 - 39 Astride
 - 42 Head cover
 - 43 Calendar measurement

- 44 You (archaic)
- 45 Lofly pose
- 46 Elevated train
- 48 Trickle
- 51 Vertically set window
- 55 Plan; expect
- 59 Tropical Amer. bird
- 60 Rover
- 62 Hawaiian food
- 63 Man (pl.)
- 64 Covered with scales
- 65 Native (suf.)

ANSWERS APPEAR ON PAGE 6

NON SEQUITUR BY WILEY

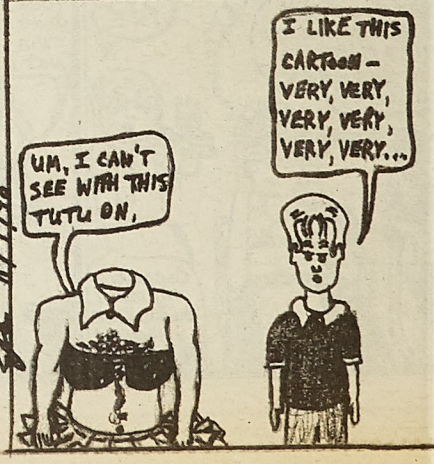
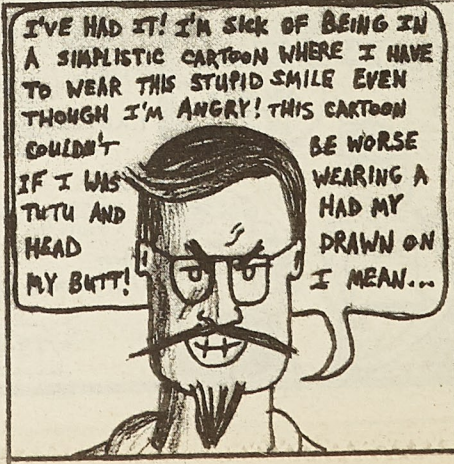
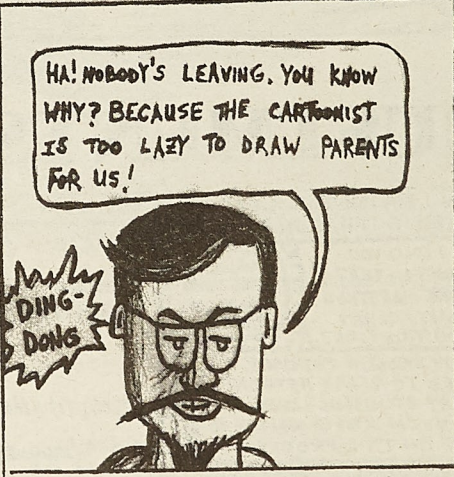


Inane Internet Site of the Week

<http://www.tiac.net/users/reilly/nitro-launch.html>

THE 'O' CHRONICLES

by Jon Schuessler



Final Exam Schedule

- I. **Evening Course Finals** are scheduled for the evening session during final week. Evening courses are those courses beginning after 5:30 p.m. Evening finals begin at 7:00 p.m.
- II. **Common Finals** include All Sections of a course.

B Eng 50	Wednesday	8:00-10:00
B Eng 110	Tuesday	8:00-10:00
B Eng 140, 150	Wednesday	8:00-10:00
CE 230	Monday	1:30-3:30
CE 299	Monday	1:30-3:30
EE 151, 153	Thursday	8:00-10:00
EM 160	Thursday	8:00-10:00
Hist 112, 175, 176	Wednesday	8:00-10:00
Math 2, 8	Thursday	8:00-10:00
Math 6 A-K, 204	Monday	8:00-10:00
Math 21, 22	Tuesday	8:00-10:00
ME 208	Tuesday	8:00-10:00
ME 211	Monday	1:30-3:30
ME 213	Thursday	8:00-10:00
ME 240, 242	Wednesday	1:30-3:30
ME 279	Monday	1:30-3:30
ME 280	Wednesday	8:00-10:00
Phys 23, 24	Monday	1:30-3:30
P Sci 90	Wednesday	8:00-10:00

III. Regular Finals

First Weekly Class Meeting

Monday	7:30
Monday	8:30
Monday	9:30
Monday	10:30
Monday	11:30
Monday	12:30
Monday	1:30
Monday	2:30
Tuesday	8:05 or 8:30
Tuesday	9:30
Tuesday	10:30
Tuesday	11:05 or 11:30
Tuesday	12:30
Tuesday	1:30 or 2:05

Final Exam Time

Tuesday	4:00-6:00
Monday	10:30-12:30
Thursday	4:00-6:00
Tuesday	1:30-3:30
Friday	8:00-10:00
Thursday	1:30-3:30
Tuesday	10:30-12:30
Wednesday	10:30-12:30
Friday	10:30-12:30
Friday	4:00-6:00
Wednesday	4:00-6:00
Thursday	10:30-12:30
Monday	4:00-6:00
Friday	1:30-3:30

According to the Student Academic Regulations all requests to change the final schedule because of conflicts or having three or more examinations scheduled on one day "are to be made in the Registrar's Office at least one week before the beginning of the final examination week" (Friday, December 4).

The final examination period will begin Monday, December 14, 1998 at 8:00 a.m. and end at 6:00 p.m., Friday, December 18, 1998. Common finals are scheduled for those courses listed in Section II below. Room assignments for common finals will be announced by the instructors. The courses not covered in Sections I, II, and III are to be arranged by the instructor in cooperation with the students in that course.

Financial Aid

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Undergraduate students must be studying in metallurgy, metallurgical engineering, materials science or engineering, chemistry, chemical engineering, or environmental engineering.

Selection factors include achievement, scholarship potential, motivation and interest in the finishing technologies.

Must be a full-time student during the academic year the scholarship is received. Financial need is not a factor.

Application available in the Student Financial Assistance Office, G-1 Parker Hall. Application deadline is April 15, 1999.

AMERICAN CHEMICAL SOCIETY SCHOLARS PROGRAM, ACS/PPG SCHOLARSHIP PLUS PROGRAM ELIGIBILITY

To qualify, candidates must be:

African American, Hispanic/Latino, or American Indian; a U.S. citizen or permanent resident of the U.S.; a full-time student at an accredited college, university, or community college; high academic achievers in chemistry or science; (chemistry, biochemistry, chemical engineering or other chemically related fields or toxicology) able to demonstrate evidence of financial need according to FAFSA form (Free Application for Federal Student Aid).

For the **ACS SCHOLARS PROGRAM** - be a high school senior, or college freshman, sophomore or junior intending to or already majoring in chemistry, biochemistry, chemical engineering or a chemically-related science and planning a career in the chemical sciences or chemical technology;

For the **ACS/PPG SCHOLARS PLU PROGRAM** - be a high school senior from one of the following locations entering a four-undergraduate program intending to major in chemistry or chemical engineering: Lake Charles, Louisiana; Natrium or New Martinsville, West Virginia; Pittsburgh, Pennsylvania; Cleveland, Ohio; Shelby and Lexington, North Carolina; Oak Creek, Wisconsin; and Houston, Texas.

Applications available in the Student Financial Assistance Office, G-1 Parker Hall or Chemical Society Web Site at: <http://www.acs.org>. Applications must be postmarked by: February 15, 1999.

TAG AND LABEL MANUFACTURERS INSTITUTE, INC

This program is for qualified third and

fourth year college students who are pursuing an education leading to careers in the tag and label Manufacturing industry.

REQUIREMENTS:

The applicant must be a sophomore or junior attending an accredited college or university. The applicant must be able to demonstrate interest in entering the tag and label industry. Major course work should include those courses, which are appropriate for the tag and label manufacturing industry.

Such courses might include: Management, Sales, Marketing, Graphic Arts, Graphic Design, Production the applicant must exhibit proficiency in overall academics (a minimum of 3.00 GPA).

The applicant shall possess excellent character including work ethic, honesty and integrity.

Applications available in the Student Financial Assistance Office, G-1 Parker Hall. Application must be received by: March 1, 1998.

CURRENT UNDERGRADUATE STUDENTS

Applicants for the following scholarships must be full-time students enrolled in a manufacturing engineering, manufacturing engineering technology, or a closely related field of study at an accredited college or university.

Caterpillar Scholars Award Fund - supports five scholarships of \$2,000 each for students enrolled in a manufacturing engineering program. Minority applicants may apply as incoming freshmen. Applicants must have an overall minimum GPA of 3.0 on a 4.0 scale.

Lucille B. Kaufman Women's Scholarship - Fund-supports one scholarship of \$1,000 for a female student enrolled in a manufacturing engineering or technology program. Applicants must have an overall minimum GPA of 3.5 on a 4.0 scale.

Wayne Kay Co-Op Scholarship - provides two scholarships of \$2,500 each for students enrolled in a manufacturing engineering or manufacturing engineering technology co-op program. Applicants must have an overall minimum GPA of 3.5 on a 4.0 scale.

Wayne Kay Scholarship Fund - supports ten scholarships of \$2,500 each for students enrolled in a manufacturing engineering or manufacturing engineering technology program. Applicants must have an overall minimum GPA of 3.5 on a 4.0 scale.

St. Louis Chapter 17 Scholarship Fund - supports five scholarships of \$1,000 each for students enrolled in manufacturing engineering, industrial technology, or other manufacturing related programs. Applicants must attend one of the approved schools with an SME Student Chapter sponsored by St. Louis Chapter 17 and have an overall minimum GPA of 3.0 on a 4.0 scale.

Myrtle and Earl Walker Schol-

arship Fund - supports 20 scholarships of \$1,000 each for students enrolled in a manufacturing engineering or manufacturing engineering technology program. Applicants must have an overall minimum GPA of 3.5 on a 4.0 scale.

GRADUATE STUDENTS

Applicants for the following fellowship must be accepted into a graduate program for a Masters or Doctorate degree, have proven scholastic ability, exemplary character and leadership capability, and have demonstrated the potential for future leadership in the profession.

Wayne Kay Graduate Fellowship - provides fellowships of \$4,000 to \$12,000 each for graduate students seeking a Masters or Doctorate degree and faculty seeking a Doctorate degree. Applicants must be accepted in a graduate program for manufacturing engineering or industrial engineering. Graduate students will not be funded beyond the first post-master year. Applicants must have an overall minimum GPA of 3.5 on a 4.0 scale.

SCHOLARSHIPS IN ENGINEERING 1998/1999 JOINT ENGINEERING COUNCIL OF GREATER KANSAS CITY

American Institute of Chemical Engineers (AIChE)

The scholarship of approximately \$2,000/year is awarded to deserving Chemical Engineering majors from the Kansas City area. (Not given every year.)

For more information contact: Dr. Marylee Southard, Chemical & Petroleum Eng. Dept., University of Kansas, 4006 Learned, Lawrence, KS 66045, phone: 785-864-3868 or marylee@ukans.edu.

American Society for Quality (ASQ) The ASQ Kansas

City Section 1301 will award three \$1000 scholarships in 1999. The purpose is to promote education in the quality sciences and encourage careers in the quality profession. Qualification Criteria: Be enrolled in an eligible college as a full-time or part-time student; minimum GPA of 2.75; be sponsored by a Kansas City Section member. Application Deadline: March 21, 1999. For more information contact: Joyce Neal, 13905 North 110th Terrace, Lenexa, KS 66215, phone: 816-997-4188.

Engineers Club of Kansas City (EC) The Engineers club was founded

as an organization dedicated to assisting those persons wishing to pursue a career in engineering. The EC's Student Assistance Fund (SAF) provides up to \$1,000 in financial assistance to Kansas City area students enrolling or enrolled in an accredited engineering curriculum. The SAF service area includes the following counties Cass, Clay, Jackson, Platte, and Ray in Missouri; and Johnson, Leavenworth and Wyandotte in Kansas. Financial assistance is offered primarily in the form of grants. Qualification Criteria:

Financial need, accredited engineering curriculum, GPA, and progress towards degree. Application Deadline: June 1st. For more information contact: John Frerking, Burns & McDonnell, 9400 Ward Parkway, Kansas City, MO 64114, Phone: 816-822-3347.

Mid-West Concrete Industry Board (MCIB) The fund is an

endowment fund that will provide financial assistance to college engineering students pursuing a Bachelor of Science or higher degree that includes concrete and concrete design courses as an integral part of their degree program. Applicant's permanent residence must be in Kansas or Missouri within a 150 mile radius of the Kansas/Missouri state line at highway 135. Qualification Criteria: Financial need, academic achievement, curriculum, growth, character, leadership capacity and career interest. Application Deadline: April 30th. For more information contact: The Mid-West Concrete Industry Board, Inc., Jim Thompson, P.O. Box 6085, Shawnee Mission, KS 66206, phone: 913-681-2219.

Society of Women Engineers

(SWE) SWE offers two \$500 scholarships to new, current, and returning students who will be enrolling in an approved engineering college curriculum. Qualification Criteria: Female, ABET accredited schools, engineering discipline, essay. Application Deadline: March 15th. For more information contact: Marie Vanderpool, SWE Scholarship Chair, phone 816-983-3125, e-mail: marie.j.vanderpool@usace.army.mil

DEPARTMENT OF ELEMENTARY & SECONDARY EDUCATION MISSOURI TEACHER EDUCATION SCHOLARSHIP

REQUIREMENTS: Be a Missouri resident. Be a high school senior, freshmen or sophomore at a community or four year college or university in Missouri (with not more than 60 college credit hours). Rank in the top 15% of their high school class or score in the top 15 national percentile on an ACT or SAT examination. Submit a completed application packet by: February 16, 1999. Application packets available in the Student Financial Assistance Office, G-1 Parker Hall.

MSPE ST. LOUIS CHAPTER AUXILIARY

The Missouri Society of Professional Engineers, St. Louis Chapter Auxiliary, is pleased to announce that we will be awarding three (3) \$500 scholarships to aspiring engineering students for the 1999-2000 school year.

REQUIREMENTS: Be a JUNIOR or SENIOR ENGINEERING student in the 1999 Fall Semester attending a Missouri Engineering College or University. Have good scholastic achievement. Reside (both student and parents) in the Metropolitan St. Louis area

to include the counties of St. Louis, Jefferson, Franklin, St. Charles, Lincoln and Warren. Have a financial need. Be a US citizen (a green card will not qualify). Former recipients are also welcome to apply again. Submit a completed scholarship application along with a college transcript and preferably include an academic recommendation from a Dean, faculty member or counselor by December 31, 1998 to: Bernadette Lauth, Scholarship Committee, MSPE St. Louis Chapter Auxiliary, 9722 Southgate Lane, St. Louis, MO 63128-1128. Applications available in the Student Financial Assistance, G-1 Parker Hall.

THE NINETY-NINES, INC. GREATER ST. LOUIS CHAPTER ADELA RIEK SCHARR SCHOLARSHIP FUND

REQUIREMENTS: Be currently enrolled full-time in an accredited institution of higher learning and be actively seeking a degree in an aviation related career field. Academic programs may be in Engineering, Sciences, Liberal Arts, Business, as well as flight or aircraft maintenance training. Determination of the relationship of the applicant's career plans to aviation if part of the selection process. Have successfully completed a minimum of one (1) year in this academic program with an average grade of "C" or higher. Applications available in the Student Financial Assistance Office, G-1 Parker Hall. Complete application must be returned postmarked by: February 1, 1999.

ROY M. MCBRIDE SCHOLARSHIP/LOAN, GRIMM SCHOLARSHIP, GENERAL MOTORS SCHOLARSHIP

Qualifications are that recipients shall be juniors or seniors who are progressing satisfactorily toward a baccalaureate degree in engineering and shall be persons of good character,

high integrity, and common sense of applied engineering. A cumulative GPA of 3.00 is a reasonable cut-off for selection of scholarship recipients. Recipients must also have financial need. Students who received an award this year will need to reapply to be considered for a 1999/2000 award. The same application process and form will be used to select recipients of the C.J. Grimm scholarship as the requirements are quite similar. The Grimm Scholarship requires that students be in the upper one fourth of their class and financial need is not to be considered. Funds also available from General Motors, same application form will be used for that scholarship. Applications available in the Student Financial Assistance Office, G-1 Parker Hall. Applications must be submitted by: February 1, 1999.

CHRYSLER ANNOUNCES NEW SCHOLARSHIP PROGRAM

With an eye toward assisting our

see Financial Aid, page 20

Ramadan

from page 11

year, next year it will begin on January 9 or 10. The entire cycle takes around 35 years. In this way, the length of the day, and thus the fasting period, varies in length from place to place over the years. Every Muslim, no matter where he or she lives, will see an average Ramadan day of the approximately 13.5 hours.

Devotion to God

The last ten days of Ramadan are a time of special spiritual power as everyone tries to come closer to God through devotions and good deeds. The night on which the first verses of the Qur'an were revealed to the Prophet, known as the Night of Power (Lailat ul-Qadr), is generally taken to be the 27th night of the month. The Qur'an states that this night is better than a thousand months. Therefore many Muslims spend the entire night in prayer.

During the month, Muslims try to read as much of the Qur'an as they can. Most try to read the whole book at least once. Some spend part of their day listening to the recitation of the Qur'an in a mosque.

Food in Ramadan

Since Ramadan is a special time, Muslims in many parts of the world prepare certain favorite foods during this month. It is a common practice for Muslims to break their fast at sunset with dates (iftar), following the custom of Prophet Muhammad. This is followed by the sunset prayer, which is followed by dinner.

Since Ramadan emphasizes community aspects and since everyone eats dinner at the same time, Muslims often invite one another to share in the Ramadan evening meal. Some Muslims find that they eat less for dinner during Ramadan than at other times due to stomach contraction. However, as a rule, most Muslims experience little fatigue during the day since the body becomes used to the altered routine during the first week of Ramadan.

Christmas

from page 11

St. Nicholas and, after gifts were given, drove the children out of their homes and beat them in the street for their misdeeds. This is probably the origin of Santa Claus's reindeer. The anniversary of St. Nicholas's death, December 6, fell so close to the celebration of Christmas that the two merged in many countries.

tries.

In 1809, Washington Irving described Santa as a chubby little man with a jolly smile drawn by a team of reindeer. The poem "The Night Before Christmas" appeared in the New York Sentinel in 1823. Thomas Nast, a cartoonist for Harper's Weekly, drew Santa in his workshop with a record of the good and bad deeds of all children. The sleigh, reindeer, stockings hung by the fireplace, and Christmas tree also appeared in his drawings. This friendly, plump version became what

Classified Ads

SPRINGBREAK Florida, Texas, Cancun, Mexico, Jamaica, etc. Browse www.icpt.com and call 800-327-6013. Best hotels, prices, and parties. Reps, organizations, and promoters wanted. Inter-Campus Programs

UMR Students may submit free classified ads to the Missouri Miner by sending their student number and ad to miner@umr.edu

Free Deal Bucks* when you cash in your books!

UMR Bookstore
University Center West
Rolla, MO 65401

December 7th - December 19th
8:00am - 5:00pm

TJ Hall Check for Hours



Cash back for your books—just in time for the holidays! Plus, get a special \$5.00 Deal Bucks coupon, good toward any purchase of \$25.00 or more in your bookstore.** So stop in and save—especially on Holiday **AT&T PrePaid Cards**, the perfect gift for everyone on your list. Buy any 60-minute card or higher, get a 10-minute card free! \$5.00 Deal Bucks and free 10-minute Holiday **AT&T PrePaid Cards**.
Talk about great gifts!




*While supplies last

Some exclusions apply. See store for details.



DOGBERT: © United Feature Syndicate, Inc.

Calendar Of Events

9 Today	10 Thursday	11 Friday	12 Saturday	13 Sunday
8:00 a.m. - Student Council VITA training, Missouri Room, UCE 1:30 p.m. - Christian Science Organization, Sunrise room, UCE 5:00 p.m. - Cycling Club, Buhler Bldg, club room 6:00 p.m. - International Students Club, HSS G5 6:00 p.m. - Eta Kappa Nu, EE G31 6:00 p.m. - Chess Club, UCE 6:00 p.m. - Society of Women Engineers, McN 216 6:00 p.m. - Kappa Kappa Psi, ChE 125 7:00 p.m. - Society of Manufacturing Engineers, EE 103 8:00 p.m. - Tau Beta Sigma, McN 204 8:00 p.m. - RHA, MCS 209A 8:00 p.m. - Student Union Board, Leach Theatre 9:00 p.m. - Theta Tau Omega study break, TJ and Quad	8:00 a.m. - Student Council, Missouri Room, UCE 6:00 p.m. - Christian Campus Fellowship, Mark Twain room or Centennial Hall West, UCE 7:30 p.m. - Association for Computing Machinery, MCS 209 and 209A 7:00 p.m. - Kappa Mu Epsilon, 205 CS Bldg. 7:30 p.m. - Academic Competition, CE 317 8:00 p.m. - Gaming Association, McN 231 8:00 p.m. - St. Pats Celebration committee, ME Annex 107C 10:00 p.m. - Ultimate Frisbee Club, Intramural Fields	3:00 p.m. - Cycling Club, Buhler Bldg, club room 5:30 p.m. - Gaming Club, 201 and 208 Norwood Hall 7:00 p.m. - Show Me Anime, McN 204 12:00 p.m. - Gaming Club, 201 and 208 Norwood Hall	12:00 p.m. - Gaming Club, 201 and 208 Norwood Hall	6:00 p.m. - Christian Campus Fellowship, ME 104 7:00 p.m. - Latter-Day Saint Student Assn. Advent Celebration, 138 Castleman
14 Monday All Day - Finals 6:00 p.m. - Independents, Walnut room, UCW 7:00 p.m. - National Society of Black Engineers, McN 204				15 Tuesday All Day - Finals

All organizational meeting times and places are provided by the Student Activity Center, 218 UCW. Please send all changes to the aforementioned office.

Financial Aid

from page 18

standing college bound students, Chrysler Corporation recently awarded 1,000 grants to 40 recipients through its new Junior Golf Scholarship Program. Even though the majority of the winners play golf, all selections were made based upon their academic and extracurricular effort. For more information on this exciting program call 1-800-856-0764.

DEPARTMENT OF THE ARMY U.S. ARMY HEALTH PROFESSIONAL SUPPORT AGENCY

Let the Army pay your way through Medical, Dental Optometry School, or a Doctoral level degree in Clinical/Research Psychology. Scholarship includes: full educational fees, required books, lab fees, required equipment rental, \$865.00 monthly stipend.

FOR MORE INFORMATION ON ARMY SCHOLARSHIP OPPORTUNITIES CONTACT: CAPTAIN DINO L. MURPHY OR MRS. SHARON MACKENZIE AT 1-800-829-0924.

KIDS' CHANCE INC. OF MISSOURI

What is Kids' Chance? It is a nonprofit corporation developed by interested employers, attorneys, laborers, insurers, third party administrators, government officials, health care representatives and rehabilitation providers. The purpose of Kids' Chance is to provide educational scholarships to financially assist the

education of children of workers who have been seriously injured or killed in Missouri work related injuries.

Which Children are Eligible for the Scholarship? To be eligible for the scholarship the child's parent must have sustained a serious injury or fatality in a Missouri work related accident covered by workers compensation. The parent's injury or death must be compensable under Missouri Workers' Compensation Law, Chapter 287 RSMo. The child must be between the ages of 16 and 25.

When do you apply? Applications are accepted at any time. KIDS' CHANCE Scholarships are awarded on basis of need throughout the year as funds are available. The deadline for accepting applications for a one year scholarship (fall and spring semesters) is May 15th. The deadline for accepting applications for the spring semester only is October 30th. Applications available in the Student Financial Assistance Office, G-1 Parker Hall, Rolla, MO 65409-0250 or by calling 1-800-484-5733 - code 5437 (KIDS).

THE JOHN GYLES EDUCATION FUND

The John Gyles Education Fund is a private, benevolent endeavor established eight years ago with the help of a Canadian/American benefactor. Each year financial assistance is available to full-time students in both Canada and the United States. Full Canadian or American citizenship is a requirement. Awards are available to both male and female students for all areas of post secondary study. A minimum GPA of 2.7 is

required. Criteria other than strictly academic ability and financial need are considered in the selection process. Selected students will receive up to \$3,000. Filing dates for mailing applications in 1998 are April 1st, June 1st, and November 15th.

To receive an application please send only a stamped *** (US 32 cent), self-addressed, standard letter size (No. 10) envelope to the following address: The John Gyles Education Fund, Attention: R. James Cogle, Administrator, P. O. Box 4808, 712 Riverside Drive, Fredericton, New Brunswick, Canada E3B 5G4.

AMERICORPS EDUCATION AWARDS

The AmeriCorps Education Awards Program offers members the standard AmeriCorps education stipend of over \$4,700 for one year of community service, but unlike AmeriCorps USA, it does not provide a living allowance or other benefits. For information on this program contact the Student Financial Assistance Office, G-1 Parker Hall.

CARAT SCHOLARSHIP FOUNDATION

To receive current information packets and applications for The Carat Scholarship, please have interested students send a stamped self addressed envelope to: Carat Scholarship Foundation, Attn: Carol McAuliffe-Director, 5 Magnolia Parkway, Hawthorn Woods, IL 60047. The schedule for the Carat Scholarship Foundation Awards is as follows: Academic semester, Spring 1999,

Applications Postmarked by: November 1, 1998, Awards Distributed by: December 15, 1998. Carat Scholarship Foundations is funded by the contributions of civic minded individuals, businesses and various fund raisers. The Foundation offers \$500 - \$1000 scholarships semiannually to graduate and undergraduate students who are United States citizens. The scholarships are awarded on the basis of career goals, financial need and academic record.

AIR FORCE SCHOLARSHIPS FOR MEDICAL STUDENTS ELIGIBILITY CRITERIA:

Applicants must be U.S. citizens, of good moral character, physically qualified for an Air Force commission, currently enrolled or accepted for the next enrolling class of an accredited allopathic or osteopathic school within the United or Puerto Rico, and not contractually obligated to serve a state or other party upon graduation.

Interested persons should contact their Air Medical Recruiter for more information and/or an interview and application. (573-446-6750)

ROTARY CLUB OF FLORISSANT LOAN PROGRAM

The Florissant Rotary Club wishes to inform students of a loan program which is available for eligible students through the Flo-Ro Trust. This program is part of an overall effort by the Florissant Rotary Club to assist in the education of qualified students within the Florissant Rotary's service area. ELIGIBILITY CRITE-

RIA: A candidate must reside in the Florissant Rotary Club service area. (North St. Louis County, north of Highway 270) A candidate must have completed a minimum of 60 semester hours at an accredited college or university. A candidate must complete the Flo-Ro

Trust Loan application and provide all required materials. A candidate must be enrolled for a minimum of 12 semester credit hours during the semester of the loan period for a bachelor's degree, or 10 semester credit hours for a graduate degree. Interested students contact: Mr. Ronald Schmidt, 801 St. Francois Street, Florissant, MO 63031 or call (314) 921-5100.

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC. GRANT-IN-AID PROGRAM FOR GRADUATE STUDENTS.

Applicants should be involved in the heating, ventilation, air conditioning or refrigeration (HVAC&R) fields or in related areas. These areas may include indoor air quality, energy conservation, human comfort or HVAC system design, operation or maintenance. Applications available in the Student Financial Assistance Office, G-1 Parker Hall or by ASHRAE Home Page (www.ashrae.org). Click on "Student Activities and Scholarships" and then on "ASHRAE Research Grants for Graduate Students." Application must be received at ASHRAE Headquarters by December 15 to be considered.

January
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News Ed

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